

EPC COMMISSION MINUTES & AGENDA

MONTH November

YEAR 1993

File Name ADN-1-1-1 Nov 1993
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**MINUTES
OF THE
ENVIRONMENTAL PROTECTION COMMISSION
MEETING**

NOVEMBER 15, 1993

**WALLACE STATE OFFICE BUILDING
DES MOINES, IOWA**

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MEETING MINUTES

CALL TO ORDER

The meeting of the Environmental Protection Commission was called to order by Chairperson Hartsuck at 10:00 a.m. on Monday, November 15, 1993, in the Wallace State Office Building, Des Moines, Iowa.

COMMISSIONER RESIGNATION - MARGARET PRAHL

Chairperson Hartsuck informed the Commission that Margaret Prah! resigned from the Commission due to conflicts with her work schedule. He stated that the Commission regrets her resignation as she always formed very clear and logical thinking and was capable of articulating positions very well. She was a great advantage to the Commission and will be missed.

Chairperson Hartsuck clarified that the rules provide that any action by the Commission takes a majority of the Commission members and with eight Commissioners it will take five members, the same as it did with nine Commissioners.

MEMBERS PRESENT

Verlon Britt
William Ehm
Richard Hartsuck, Chairperson
Charlotte Mohr
Gary Priebe
Nancylee Siebenmann, Secretary
Clark Yeager, Vice-Chairperson

MEMBERS ABSENT

Rozanne King

Director Wilson stated that Commissioner King phoned to say she will not be at the meeting as she has a funeral to attend.

ADOPTION OF AGENDA

Motion was made by William Ehm to approve the agenda as presented. Seconded by Charlotte Mohr. Motion carried unanimously.

APPROVED AS PRESENTED

APPROVAL OF MINUTES

Motion was made by Charlotte Mohr to approve the meeting minutes of October 18, 1993, as presented. Seconded by William Ehm. Motion carried unanimously.

APPROVED AS PRESENTED

DIRECTOR'S REPORT

Larry Wilson, Director, reported on the Governor's Environmental Congress held last Friday relating that it was very well done. He noted that Richard Hartsuck was a member of the Environmental Regulations panel and did an excellent job. In addition to the Chairperson, Charlotte Mohr, Nancy Lee Siebenmann and Verlon Britt attended the congress.

Charlotte Mohr stated that she attended two of the panel sessions and some good issues were brought out adding that it was an excellent session. She and Verlon Britt both commented that Richard Hartsuck did an excellent job on his panel discussion. Commissioner Britt related that he really enjoyed the sessions and it was a very informative program.

FINANCIAL STATUS REPORT - YTD DIVISION EXPENDITURES

Stan Kuhn, Division Administrator, Administrative Services Division, presented the following item.

The division-level FY94 expenditure financial status report, as of 10/30/93, will be presented to the EPC. The report, itself, will be mailed to commissioners separately as soon as it is available.

(Reports are shown on the following 4 1/2 pages)

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IOWA DEPARTMENT OF NATURAL RESOURCES Division Expenditure Status Report, Oct. 31, 1993

Director's Office

EXPENSE	FY94 BUDGET	YTD BUDGET Oct. 31, 1993	YTD ACTUAL Oct. 31, 1993	UNDER(OVER) BUDGET
PERS SERV	993,316	343,687	328,926	14,761
PERS TRV IN	52,150	10,952	8,514	2,438
STATE VEHICL	8,431	2,782	1,364	1,418
DEPRECIATION	12,450	4,109	2,575	1,534
PERS TRV OUT	8,900	1,869	1,798	71
OFF SUPPLY	89,050	18,701	25,007	(6,307)
FAC MAINT SU	3,000	630	653	(23)
EQUIP MAINT	6,850	1,439	1,507	(69)
OTHER SUPPLY	57,150	12,002	17,670	(5,669)
PRINT & BIND	312,431	65,611	83,623	(18,012)
UNIFORMS	800	168	202	(34)
COMMUNICATIO	29,100	6,111	4,731	1,380
RENTALS	500	105	138	(33)
UTILITIES	750	158	37	121
PROF SERV	110,216	17,635	7,761	9,874
OUTSIDE SERV	24,100	5,061	7,435	(2,374)
ADVER PUB	10,000	2,100	0	2,100
DATA PROC	14,050	2,951	1,496	1,455
REIMBURSMENT	6,175	1,297	0	1,297
EQUIPMENT	33,817	3,382	2,313	1,069
OTHER EXP	2,600	546	0	546
Totals	1,775,836	501,292	495,750	5,542

Administrative Services Divison

EXPENSE	FY94 BUDGET	YTD BUDGET Oct. 31, 1993	YTD ACTUAL Oct. 31, 1993	UNDER(OVER) BUDGET
PERS SERV	3,669,678	1,269,709	1,251,288	18,421
PERS TRV IN	53,550	11,246	9,611	1,635
STATE VEHICL	59,000	19,470	16,383	3,087
DEPRECIATION	80,500	26,565	22,210	4,355
PERS TRV OUT	7,300	1,533	2,330	(797)
OFF SUPPLY	315,255	66,204	71,810	(5,606)
FAC MAINT SU	21,000	4,410	0	4,410
EQUIP MAINT	52,000	10,920	9,451	1,469
OTHER SUPPLY	14,300	3,003	2,215	788
PRINT & BIND	14,500	3,045	2,827	218
UNIFORMS	2,500	525	521	4
COMMUNICATIO	93,100	19,551	22,447	(2,896)
RENTALS	500	105	0	105
UTILITIES	0	0	243	(243)
OUTSIDE SERV	78,650	16,517	3,657	12,860
ADVER PUB	500	105	0	105
DATA PROC	91,700	19,257	21,229	(1,971)
AUDITOR REIM	150,000	0	0	0
REIMBURSMENT	118,150	24,812	0	24,812
EQUIPMENT	189,508	18,951	17,676	1,275
OTHER EXP	550,000	0	0	0
LICENSES	50	0	0	0
Totals	5,561,741	1,515,925	1,453,897	62,028

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Parks, Preserves, and Recreation Division

EXPENSE	FY94 BUDGET	YTD BUDGET Oct. 31, 1993	YTD ACTUAL Oct. 31, 1993	UNDER(OVER) BUDGET
PERS SERV	4,452,081	1,540,420	1,395,725	144,695
SEASONAL HELP	1,175,473	728,793	897,389	(168,596)
PERS TRV IN	61,775	12,973	17,352	(4,379)
STATE VEHICL	202,800	66,924	79,105	(12,181)
DEPRECIATION	294,000	97,020	102,505	(5,485)
PERS TRV OUT	7,685	1,614	1,461	153
OFF SUPPLY	46,700	9,807	6,892	2,915
FAC MAINT SU	454,800	72,768	107,836	(35,068)
EQUIP MAINT	299,999	63,000	91,323	(28,323)
PROF SUPPLY	1,000	210	0	210
AG CONS SUPP	30,000	6,300	2,355	3,945
OTHER SUPPLY	42,994	9,029	6,685	2,344
PRINT & BIND	33,000	6,930	6,640	290
UNIFORMS	46,277	9,718	4,071	5,647
COMMUNICATIO	105,502	22,155	27,060	(4,905)
RENTALS	34,900	7,329	11,982	(4,653)
UTILITIES	390,951	82,100	121,109	(39,009)
PROF SERV	74,000	15,540	1,900	13,640
OUTSIDE SERV	185,352	38,924	66,304	(27,380)
ADVER PUB	2,550	536	0	536
DATA PROC	6,000	1,260	901	359
REIMBURSMENT	2,475	520	153	367
EQUIPMENT	152,378	15,238	42,821	(27,583)
OTHER EXP	4,700	987	9	978
LICENSES	697	146	432	(256)
Totals	8,108,089	2,810,240	2,992,010	(181,770)

Forests and Forestry Division

EXPENSE	FY94 BUDGET	YTD BUDGET Oct. 31, 1993	YTD ACTUAL Oct. 31, 1993	UNDER(OVER) BUDGET
PERS SERVICES	1,732,551	599,463	586,447	13,018
SEASONAL HELP	105,826	65,612	35,286	30,326
PERS TRV IN	44,500	9,345	9,796	(451)
STATE VEHICL	92,500	30,525	23,408	7,117
DEPRECIATION	139,700	46,101	43,980	2,121
PERS TRV OUT	8,800	1,948	2,234	(386)
OFF SUPPLY	20,300	4,263	3,310	953
FAC MAINT SU	44,000	9,240	13,435	(4,195)
EQUIP MAINT	57,000	11,970	10,006	1,964
PROF SUPPLY	500	105	0	105
AG CONS SUPP	129,000	27,090	46,767	(19,677)
OTHER SUPPLY	39,900	8,379	4,627	3,752
PRINT & BIND	15,500	3,255	2,174	1,081
UNIFORMS	16,100	3,381	1,458	1,923
COMMUNICATIO	43,669	9,170	8,456	714
RENTALS	35,000	7,350	51	7,299
UTILITIES	37,000	7,770	3,903	3,867
OUTSIDE SERV	77,000	16,170	5,681	10,489
ADVER PUB	1,000	210	44	166
DATA PROC	3,300	693	424	269
REIMBURSMENT	550	116	0	116
EQUIPMENT	140,822	14,082	16,957	(2,875)
Totals	2,784,518	876,138	818,442	57,696

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Energy and Geological Resources Division

EXPENSE	FY94 BUDGET	YTD BUDGET Oct. 31, 1993	YTD ACTUAL Oct. 31, 1993	UNDER(OVER) BUDGET
PERS SERV	2,390,834	827,229	769,794	57,435
PERS TRV IN	42,875	9,004	5,528	3,476
STATE VEHICL	20,850	6,881	5,264	1,617
DEPRECIATION	33,570	11,078	8,700	2,378
PERS TRV OUT	37,300	7,833	13,696	(5,863)
OFF SUPPLY	18,900	3,969	4,384	(415)
FAC MAINT SU	4,450	935	29	906
EQUIP MAINT	16,250	3,413	355	3,058
PROF SUPPLY	2,900	609	819	(210)
OTHER SUPPLY	41,850	8,789	2,892	5,897
PRINT & BIND	60,725	12,752	3,860	8,892
COMMUNICATIO	43,000	9,030	5,414	3,616
RENTALS	350	74	575	(502)
UTILITIES	13,500	2,835	1,301	1,534
PROF SERV	1,019,773	163,164	14,232	148,932
OUTSIDE SERV	39,075	8,206	2,604	5,602
ADV & PUBLICITY		0	207	(207)
DATA PROC	27,750	5,828	2,543	3,285
REIMBURSEMENT	7,390	1,552	0	1,552
EQUIPMENT	126,119	12,612	16,692	(4,080)
OTHER EXP	2,600	546		546
Totals	3,950,061	1,096,335	858,889	237,446

Environmental Protection Division

EXPENSE	FY94 BUDGET	YTD BUDGET Oct. 31, 1993	YTD ACTUAL Oct. 31, 1993	UNDER(OVER) BUDGET
PERS SERV	7,618,462	2,635,988	2,566,744	69,244
PERS TRV IN	84,800	17,808	11,563	6,245
STATE VEHICL	57,000	18,810	12,964	5,846
DEPRECIATION	65,000	21,450	20,505	945
PERS TRV OUT	101,202	21,252	15,754	5,498
OFF SUPPLY	74,500	15,645	12,306	3,339
FAC MAINT SU	5,600	1,176	60	1,116
EQUIP MAINT	14,200	2,982	490	2,492
PROF SUPPLY	21,350	4,484	0	4,484
OTHER SUPPLY	38,200	8,022	8,454	(432)
PRINT & BIND	41,250	8,663	12,841	(4,179)
UNIFORMS	3,500	735	791	(56)
COMMUNICATIO	134,900	28,308	27,665	643
RENTALS	66,700	14,007	18,837	(4,830)
UTILITIES	23,650	4,967	3,235	1,732
PROF SERV	2,099,648	335,944	133,837	202,107
OUTSIDE SERV	80,300	16,863	13,917	2,946
ADVER PUB	8,000	1,680	2,338	(658)
DATA PROC	251,200	52,752	32,105	20,647
REIMBURSEMENT	25,600	5,376	0	5,376
EQUIPMENT	446,093	44,609	7,736	36,873
Totals	11,261,055	3,261,520	2,902,142	359,378

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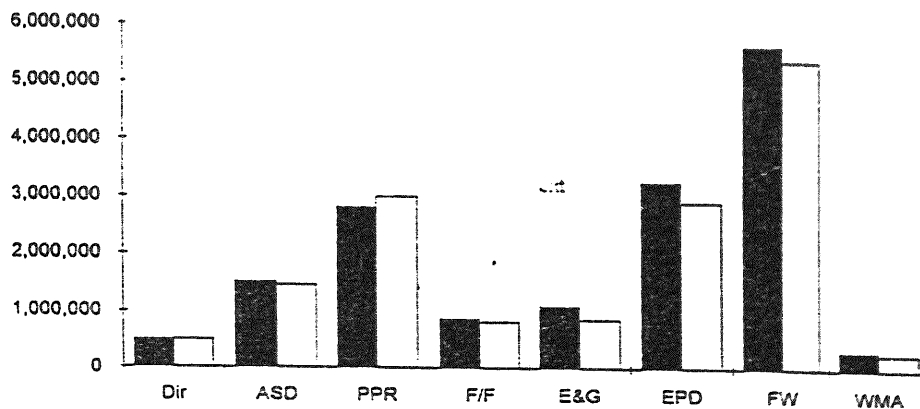
Fish and Wildlife Division

EXPENSE	FY94 BUDGET	YTD BUDGET Oct. 31, 1993	YTD ACTUAL Oct. 31, 1993	UNDER(OVER) BUDGET
PERS SERV	11,572,522	4,004,093	3,944,258	59,835
SEASONAL HELP	755,530	468,429	315,819	152,610
PERS TRV IN	333,170	69,966	81,412	(11,446)
STATE VEHICL	464,936	153,429	157,788	(4,359)
DEPRECIATION	727,480	240,068	228,520	11,548
PERS TRV OUT	29,400	6,174	9,730	(3,556)
OFF SUPPLY	299,118	62,815	89,937	(27,122)
FAC MAINT SU	475,227	99,798	69,191	30,607
EQUIP MAINT	334,436	70,232	95,723	(25,491)
AG CONS SUPP	344,075	72,256	85,423	(13,167)
OTHER SUPPLY	96,607	20,287	14,925	5,362
PRINT & BIND	191,666	40,250	22,104	18,146
UNIFORMS	133,275	27,988	24,362	3,626
COMMUNICATIO	188,950	39,680	50,400	(10,721)
RENTALS	66,035	13,857	9,566	4,301
UTILITIES	214,716	45,090	46,944	(1,854)
PROF SERV	334,000	53,440	56,402	(2,962)
OUTSIDE SERV	121,912	25,602	38,153	(12,561)
ADVER PUB	23,000	4,830	0	4,830
DATA PROC	53,200	11,172	7,236	3,934
REIMBURSEMENT	158,450	33,275	0	33,275
EQUIPMENT	682,039	68,204	20,119	48,085
OTHER EXP	600	126	707	(581)
LICENSES	300	63	0	63
Totals	17,600,644	5,631,131	5,368,731	262,400

Waste Management Assistance Division

EXPENSE	FY94 BUDGET	YTD BUDGET Oct. 31, 1993	YTD ACTUAL Oct. 31, 1993	UNDER(OVER) BUDGET
PERS SERV	716,525	247,918	240,709	7,209
PERS TRV IN	28,200	5,922	5,198	724
PERS TRV OUT	47,270	9,927	7,566	2,261
OFF SUPPLY	6,679	1,403	2,388	(985)
EQUIP MAINT	950	200	0	200
OTHER SUPPLY	18,050	3,791	709	3,082
PRINT & BIND	81,794	17,177	11,559	5,618
COMMUNICATIO	20,660	4,339	2,407	1,932
RENTALS	0	0	582	(582)
PROF SERV	143,190	30,070	453	29,607
OUTSIDE SERV	9,140	1,919	4,293	(2,374)
DATA PROC	5,020	1,054	1,002	52
REIMBURSEMENT	16,950	3,560	0	3,560
EQUIPMENT	2,200	220	0	220
OTHER EXP	5,200	1,092	0	1,092
Totals	1,101,328	328,589	276,976	51,613

DNR Budget Status, 10/31/93



Mr. Kuhn reviewed the budget noting that all divisions are presently under budget with the exception of Parks. He added that budget problems for Parks Division were due to the damage from flooding as well as having a lot of seasonal help. Also, camping revenue was down due to the weather but their budget will eventually come in line.

Brief discussion followed.

INFORMATIONAL ONLY

LANDFILL ALTERNATIVES GRANT CONTRACT APPROVAL

Gaye Wiekierak, Bureau Chief, Planning and Grants Bureau, presented the following item.

From the fifty grant applications received for consideration during the June, 1993, grant round, eighteen grant projects were selected for funding. Of the eighteen grant awards, fifteen are in excess of \$25,000.

At this time, the Commission is requested to approve the remaining three contracts that have not been presented to the Commission. Portions of these contracts for Commission review and approval are attached. Eleven contracts have been reviewed and approved by the Commission at an earlier meeting. One contract that has been before the Commission will be presented today as a different agenda item.

Contracts presented to the Commission for approval are as follows:

- 1) Cedar River Paper Company \$ 300,000

The contractor will construct a facility for the manufacture of corrugated medium for use in the manufacture of corrugated cardboard boxes from 100% recycled fiber. Fiber will consist of old corrugated cardboard and mixed paper waste with the exception of magazines and newspaper. The facility will be located in the City of Cedar Rapids, Linn County, and will serve as a market for acceptable fiber statewide. Grant funds will be used to assist in the purchase of the paper making machine. John Croushore is the contact person.

2) Changing Times Diaper Service

\$ 68,628

This waste reduction project will utilize grant funds to assist in the purchase of reusable diapers, a delivery van, advertising, wages and laundering and delivery expenses. The Contractor will expand the reusable diaper service to include all of Cedar Falls, Waterloo, and surrounding communities. The project is located in the City of Cedar Falls, Black Hawk County. Elieen Jensen-Anderson is co-owner and the contact person.

3) Monona County Solid Waste Agency

\$ 47,250

Grant assistance is requested to expand the recyclable materials processing capacity of the existing facility. The recycling center has reached an agreement with Harrison County for the processing materials recovered through Harrison County's recycling program. Grant funds will be used for the purchase of a baler, conveyor, and education programs. Harold Johnston is the contact person. the recycling center is located in Onawa, Monona County.

CEDAR RIVER PAPER COMPANY

\$300,000

ARTICLE V. SCOPE OF WORK

5.1 **Project description.** The Contractor will construct a mill, located in the City of Cedar Rapids, for the manufacture of corrugated medium from recycled fiber for use in the manufacture of corrugated boxes.

5.2 **Materials.** Materials to be collected for recycling by the Contractor from the Project Area includes: corrugated cardboard and mixed paper waste with the exception of newspaper and magazines.

A written listing of material sources shall be provided to the Department. This listing shall describe the method of materials delivery from each source. Any changes in materials and materials sources shall be reported in the monthly reports as described in 5.7.

5.3 **Public awareness, news media.** The Contractor shall conduct at least one multi-media notified open house event open to all interested parties, after the Project is operational,

and will encourage media visits at other times. The Contractor shall notify the Department of the open house no later than thirty (30) days prior the scheduled date of the open house. The Contractor shall promote the processing site and shall inform the public of the Project and Project events through the use of newspapers and/or other media within the area serviced by the Project.

Public awareness, education. The Contractor shall develop an education and public awareness program targeting schools, business and industry and the general public located within the described Project Area. Brochures to accompany the public awareness, education and promotion of the Project shall be made available throughout the Project Area. Copies of these materials shall be submitted to the Department.

- 5.4 **Project monitoring.** The Contractor shall document and monitor the amount and source of old corrugated cardboard and mixed waste paper, purchase price of the old corrugated cardboard and mixed waste paper, the amount of corrugated medium produced, the composition of corrugated cardboard and mixed waste paper used in making the corrugated medium, and the amount and disposition of residuals received. The Contractor shall report problems and successes encountered during all phases of the Project as well as costs and revenues associated with the Project. Monitoring results shall be reported in monthly and final reports to the Department as described in 5.7 and 5.9 respectively.
- 5.5 **Permitting.** The Contractor shall contact the Environmental Protection Division of the Department (515-281-8941) to determine if a permit is necessary from the Department. If a permit is required, the Contractor shall prepare detailed plans for the Project. The Contractor will submit plans and specifications for the Project to the Environmental Protection Division of the Department and shall receive approval from the Department before operation of the Project begins. If the Department determines that a permit is not necessary, a written confirmation from the Department must be provided.
- 5.6 **Purchases.** The Contractor agrees to make a concerted effort to contract at least two percent of all contracts which directly utilize grant funds in the purchase of supplies, equipment, construction and services with targeted businesses, minority owned businesses or women owned businesses. The Department shall release grant funds for reimbursement for eligible expenses, only after the Contractor documents in writing, a summary of efforts regarding the above mentioned targeted businesses and the Contractor receives approval from the Department. Documentation of the Contractor's efforts may take place prior to placing purchase orders for all eligible contract expenses or the Contractor may elect to submit the documentation prior to the placing of purchase orders for each additional equipment, supplies, construction and services.

The Contractor shall purchase any item specified in the plans costing over \$10,000 on a competitive basis if this purchase directly utilizes grant funds. The purchase of equipment will include a local cost share of the actual purchase price of the equipment as identified in Appendix A, Budget. Subject to the five-year reimbursement provision as set forth below, the title of the property purchased by the Contractor shall remain vested with the Contractor. In the event that the Project fails and/or any item or items purchased or constructed, in which grant funds were used are sold for other than comparable replacement items for up to five (5) years after the expiration of the Term of Contract as identified on the title page of this Contract, the Department shall be paid a percentage of the sale price equal to the percentage of grant money used in the purchase or construction of the property. For the purposes of this contract, comparable replacement items means items that maintain the intent of the project.

A Uniform Commercial Code Financing Statement will be filed with the Office of the Attorney General for any item(s) purchased utilizing grant funds. The position the Department will seek by this filing will be secondary to any private lending institution(s) utilized by the Contractor for any purchase(s) involving grant funds under this Contract.

- 5.7 **Monthly reports.** The Contractor shall submit monthly reports on the Project. The monthly reports are due by the 15th of every month. The monthly report shall discuss the status of the project and shall include a monthly update of the information required in the Final Report described in 5.9.
- 5.8 **Pictorial history.** The Contractor shall develop a pictorial history via slides of the Project complete with data on project development from early initiation through construction, start-up, and Contract completion. The pictorial history shall be of such quality necessary for conferences, trade journals, and other sources to disseminate the results of the project. Provide necessary supporting information for clarification of pictorial history subject matter. This pictorial history shall be submitted with the final report described in 5.9.
- 5.9 **Final report.** The Contractor shall submit a final report on the Project. The final report shall include an overview of Articles 5.1 through 5.8 with special attention given to the following items:
- 1) Information on the amount and source of old corrugated cardboard and mixed waste paper, purchase price of the old corrugated cardboard and mixed waste paper, the amount of corrugated medium produced, the composition of corrugated cardboard and mixed waste paper used in making the corrugated medium, and the amount and disposition of residuals received. The Contractor shall report problems and successes encountered during all phases of the Project. The impact of public awareness and education programs. A description of Project costs and revenues associated with the Project. Conclusions and recommendations regarding the Project.
 - 2) The environmental impact of the Project.
 - 3) Assessment of the viability of conducting this type of project in other facilities, communities, counties and regions within the State of Iowa
 - 4) Details on all aspects of the Project during the term of the Contract, including an analysis of problems and successes encountered.
 - 5) Complete pictorial (slides) history of the Project. The pictorial history and supporting information must be of presentation quality.
 - 6) Copies of all educational materials, brochures, newspaper and magazine articles, press releases, public service announcements and other written, audio, and pictorial materials that educate or promote the project.

APPENDIX A

ITEM	DNR GRANT	COST SHARE	TOTAL COST
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Paper machine	\$ 300,000	\$ 49,700,000	\$ 50,000,000
TOTAL	\$ 300,000	\$ 49,700,000	\$ 50,000,000

Equipment to be purchased:
Paper machine

CHANGING TIMES DIAPER SERVICE**\$ 62,628****ARTICLE V. SCOPE OF WORK**

- 5.1 **Project description.** The Contractor will establish and operate a reusable diaper service available to persons in the Project Area. The Contractor will purchase necessary supplies, a vehicle, laundry services, and advertisement, as well as provide necessary staffing for the successful operation of the service.
- 5.2 **Public awareness, news media.** The Contractor shall conduct at least one multi-media notified open house event open to all interested parties, after the Project is operational, and will encourage media visits at other times. The Contractor shall notify the Department of the open house no later than thirty (30) days prior the scheduled date of the open house. The Contractor shall promote the processing site and shall inform the public of the Project and Project events through the use of newspapers and/or other media within the area serviced by the Project.
- Public awareness, education.** The Contractor shall develop an advertising and publicity strategy to alert the public located within the described Project Area, of the Project and the desirability of reducing the consumption of disposable diapers. Brochures and other materials designed to educate and promote the Project will be made available throughout the Project Area.
- 5.3 **Project monitoring.** The Contractor shall document and monitor, at a minimum, the number of customers for which the service is provided, the number of deliveries and the number of reusable briefs delivered to each customer, the number of briefs laundered and returned to use, customer pricing schedule, reusable diaper laundering costs, delivery costs, and staffing costs within the Project Area described in 5.1. Monitoring results shall be reported in monthly and final reports to the Department as described in 5.7 and 5.9 respectively.
- 5.4 **Permitting.** The Contractor shall contact the Environmental Protection Division of the Department (515-281-8941) to determine if a permit is necessary from the Department. If a permit is required, the Contractor shall prepare detailed plans for the Project. The Contractor will submit plans and specifications for the Project to the Environmental Protection Division of the Department and shall receive approval from the Department before operation of the Project begins. If the Department determines that a permit is not necessary, a written confirmation from the Department must be provided.

- 5.5 **Purchases.** The Contractor agrees to make a concerted effort to contract at least two percent of all contracts which directly utilize grant funds in the purchase of supplies, equipment, construction and services with targeted businesses, minority owned businesses or women owned businesses. The Department shall release grant funds for reimbursement for eligible expenses, only after the Contractor documents in writing, a summary of efforts regarding the above mentioned targeted businesses and the Contractor receives approval from the Department. Documentation of the Contractor's efforts may take place prior to placing purchase orders for all eligible contract expenses or the Contractor may elect to submit the documentation prior to the placing of purchase orders for each additional equipment, supplies, construction and services.

The Contractor shall purchase any item specified in the plans costing over \$10,000 on a competitive basis if this purchase directly utilizes grant funds. The purchase of equipment will include a local cost share of the actual purchase price of the equipment as identified in Appendix A, Budget. Subject to the five-year reimbursement provision as set forth below, the title of the property purchased by the Contractor shall remain vested with the Contractor. In the event that the Project fails and/or any item or items purchased or constructed, in which grant funds were used are sold for other than comparable replacement items for up to five (5) years after the expiration of the Term of Contract as identified on the title page of this Contract, the Department shall be paid a percentage of the sale price equal to the percentage of grant money used in the purchase or construction of the property. For the purposes of this contract, comparable replacement items means items that maintain the intent of the project.

- 5.6 **Monthly reports.** The Contractor shall submit monthly reports on the Project. The monthly reports are due by the 15th of every month. The monthly report shall discuss the status of the project and shall include a monthly update of the information required in the Final Report described in 5.9.
- 5.7 **Pictorial history.** The Contractor shall develop a pictorial history via slides of the Project complete with data on project development from early initiation through construction, start-up, and Contract completion. The pictorial history shall be of such quality necessary for conferences, trade journals, and other sources to disseminate the results of the project. Provide necessary supporting information for clarification of pictorial history subject matter. This pictorial history shall be submitted with the final report described in 5.9.
- 5.8 **Final report.** The Contractor shall submit a final report on the Project. The final report shall include an overview of Articles 5.1 through 5.8 with special attention given to the following items:
- 1) Information on the number of customers for which the service is provided, the number of deliveries and reusable briefs delivered to each customer, the number of briefs laundered and returned to use, customer pricing schedule, reusable diaper laundering costs, delivery costs, and staffing costs. Results of any tests conducted on washed diapers. Estimated impact of public awareness and advertising activities. A description of all other Project costs and revenues. Conclusions and recommendations regarding the Project
 - 2) The environmental impact of the Project.
 - 3) Assessment of the viability of conducting this type of project in other facilities, communities, counties and regions within the State of Iowa.

- 4) Details on all aspects of the Project during the term of the Contract, including an analysis of problems and successes encountered.
- 5) Complete pictorial (slides) history of the Project. The pictorial history and supporting information must be of presentation quality.
- 6) Copies of all educational, promotional, and advertising materials, brochures, newspaper and magazine articles, press releases, public service announcements and other written, audio, and pictorial materials that educate or promote the Project.

APPENDIX A

ITEM	DNR GRANT	COST SHARE	TOTAL COST
Diapers and Supplies	\$ 12,713	\$ 1,412	\$ 14,125
Current Inventory	0	2,659	2,659
Delivery Van	15,403	1,712	17,115
Existing Delivery Van	0	5,000	5,000
Shelving Units	358	89	447
Existing Building and Equipment	0	40,000	40,000
Feasibility Study	0	2,100	2,100
Salary, Legal Fees, Grant Preparation	0	2,124	2,124
Advertising and Publicity	3,330	370	3,700
Advertising and Publicity Incurred	0	3,398	3,398
Delivery Expenses	4,838	538	5,376
Laundry Expenses	13,086	1,454	14,540
Salaries	18,900	2,100	21,000
TOTALS	\$ 68,628	\$ 62,956	\$ 131,584

Equipment to be purchased:
Delivery van

ARTICLE V. SCOPE OF WORK

- 5.1 **Project description.** The Contractor will provide for the purchase of equipment to expand and increase the efficiency of the existing recycling program and to provide better marketability of the processed recyclables. The Contractor will expand the existing educational programs, at a minimum, through brochures and workshops.
- 5.2 **Markets.** Materials to be collected for recycling by the Contractor from the Project Area includes: newsprint, plastic (PET, HDPE), bi-metal cans, corrugated cardboard, magazines, mixed paper, textiles, and clear glass.
- A written listing of markets shall be provided to the Department. This listing shall describe the method of processing materials and method of delivery of the materials to each market. Any changes in markets and marketing strategies shall be reported in the monthly reports as described in 5.7.
- 5.3 **Public awareness, news media.** The Contractor shall conduct at least one multi-media notified open house event open to all interested parties, after the Project is operational, and will encourage media visits at other times. The Contractor shall notify the Department of the open house no later than thirty (30) days prior the scheduled date of the open house. The Contractor shall promote the processing site and shall inform the public of the Project and Project events through the use of newspapers and/or other media within the area serviced by the Project.
- Public awareness, education.** The Contractor shall develop a comprehensive waste reduction and recycling education program targeting urban and rural residents, local interest groups and schools located within the described Project area. Brochures to accompany the public awareness, education and promotion of waste reduction and recycling shall be developed and made available throughout the Project Area and a copy shall be submitted to the Department.
- 5.4 **Project monitoring.** The Contractor shall document and monitor all applicable items listed in Appendix B, Project Monitoring Format and items described in Articles 5.1 through 5.9. Monitoring results shall be reported in monthly and final reports to the Department as described in 5.7 and 5.9 respectively.
- 5.5 **Permitting.** The Contractor shall contact the Environmental Protection Division of the Department (515-281-8941) to determine if a permit is necessary from the Department. If a permit is required, the Contractor shall prepare detailed plans for the Project. The Contractor will submit plans and specifications for the Project to the Environmental Protection Division of the Department and shall receive approval from the Department before operation of the Project begins. If the Department determines that a permit is not necessary, a written confirmation from the Department must be provided.
- 5.6 **Purchases.** The Contractor agrees to make a concerted effort to contract at least two percent of all contracts which directly utilize grant funds in the purchase of supplies, equipment, construction and services with targeted businesses, minority owned businesses or women owned businesses. The Department shall release grant funds for reimbursement for eligible expenses, only after the Contractor documents in writing, a

summary of efforts regarding the above mentioned targeted businesses and the Contractor receives approval from the Department. Documentation of the Contractor's efforts may take place prior to placing purchase orders for all eligible contract expenses or the Contractor may elect to submit the documentation prior to the placing of purchase orders for each additional equipment, supplies, construction and services.

The Contractor shall purchase any item specified in the plans costing over \$10,000 on a competitive basis if this purchase directly utilizes grant funds. The purchase of equipment will include a local cost share of the actual purchase price of the equipment as identified in Appendix A, Budget. Subject to the five-year reimbursement provision as set forth below, the title of the property purchased by the Contractor shall remain vested with the Contractor. In the event that the Project fails and/or any item or items purchased or constructed, in which grant funds were used are sold for other than comparable replacement items for up to five (5) years after the expiration of the Term of Contract as identified on the title page of this Contract, the Department shall be paid a percentage of the sale price equal to the percentage of grant money used in the purchase or construction of the property. For the purposes of this contract, comparable replacement items means items that maintain the intent of the project.

- 5.7 **Monthly reports.** The Contractor shall submit monthly reports on the Project. The monthly reports are due by the 15th of every month. The monthly report shall discuss the status of the project and shall include a monthly update of the information required in the Final Report described in 5.9.
- 5.8 **Pictorial history.** The Contractor shall develop a pictorial history via slides of the Project complete with data on project development from early initiation through construction, start-up, and Contract completion. The pictorial history shall be of such quality necessary for conferences, trade journals, and other sources to disseminate the results of the project. Provide necessary supporting information for clarification of pictorial history subject matter. This pictorial history shall be submitted with the final report described in 5.9.
- 5.9 **Final report.** The Contractor shall submit a final report on the Project. The final report shall include an overview of Articles 5.1 through 5.8 with special attention given to the following items:
 - 1) Information on specific program operations and items identified in Appendix B. Estimation of the impact of public awareness and education programs. A description of Project costs and revenues. Conclusions and recommendations regarding the Project.
 - 2) The environmental impact of the Project.
 - 3) Assessment of the viability of conducting this type of project in other facilities, communities, counties and regions within the State of Iowa.
 - 4) Details on all aspects of the Project during the term of the Contract, including an analysis of problems and successes encountered.
 - 5) Complete pictorial (slides) history of the Project. The pictorial history and supporting information must be of presentation quality.
 - 6) Copies of all educational materials, brochures, newspaper and magazine articles, press releases, public service announcements and other written, audio, and

pictorial materials that educate or promote the project.

APPENDIX A

ITEM	DNR GRANT	COST SHARE	TOTAL COST
Equipment	\$45,000	\$5,000	\$50,000
Educational Programs	\$2,000	\$2,000	\$4,000
Education travel	\$250	\$250	\$500
Personnel	\$0	\$66,650	\$66,650
TOTAL	\$47,250	\$73,900	\$121,150

Equipment to be purchased:
Horizontal baler with feed conveyor

Ms. Wiekierak gave a brief explanation of the item.

Clark Yeager asked who owns the Cedar River Paper Company.

Ms. Wiekierak replied that she does not know but can get that information for the Commission before they leave today.

Clark Yeager asked if they buy cardboard or if they bring it in from another place.

Ms. Wiekierak stated that she will also check that out and get the information back to the Commission.

Motion was made by William Ehm to approve the Landfill Alternative Grant Contracts for Cedar River Paper Company, Changing Times Diaper Service, and Monona County Solid Waste Agency, as presented. Seconded by Charlotte Mohr. Motion carried unanimously.

APPROVED AS PRESENTED

INFORMATION ON ROSEBAR TIRE CENTER, INC.

LANDFILL ALTERNATIVES GRANT CONTRACT--ROSEBAR TIRE CENTER

Gaye Wiekierak, Bureau Chief, Planning and Grants Bureau, presented the following item.

At the October 17, 1993 Environmental Protection Commission meeting, the Commission was requested to approve a \$85,442 Landfill Alternatives Grant contract with Rosebar Tire Center, Inc. Commissioners deferred the decision until November and requested additional information about Rosebar. For the Commission's information, the following addresses each question asked:

1) What are Rosebar's current uses for the processed tires?

Rosebar's owner, Eleanor Kaiser, confirmed on October 21 that Rosebar is marketing approximately thirty-five percent of its processed tires to playgrounds, for surfacing. Approximately ten percent is used to produce cattle mattresses, which are shredded tires placed in bags for bedding. Rosebar has produced tire shreds for cattle mattresses for approximately one month and Ms. Kaiser predicts there will be a growth in this market.

Ms Kaiser added that a potential future user of Rosebar's tires for tire-derived fuel is Iowa Electric and Power. Although nothing has been officially negotiated, Ms. Kaiser believes that Rosebar could reduce its \$45.00/ton price to \$29.00/ton if Rosebar could obtain the mechanical debader through this grant.

The debader would enable Rosebar to process truck tires, and would significantly decrease Rosebar's labor costs, as they must presently debeat tires by hand. The mechanical debader would also enable the corapany to salvage more rubber from each tire. The baler requested would enable Rosebar to recover additional costs through sale of the salvaged metal.

- 2) (a) Did Rosebar lose the contract with the University of Iowa (U of I) for processed tires to be used as tire-derived fuel?**
(b) What is the name and location of the company that received the U of I contract?
(c) What was the cost differential between the two bids?

According to Ms. Kaiser, and confirmed on October 25 with U of I's Plant Manager P. Furnam Millster, Rosebar did not receive the university's contract this year. The contract was awarded to Tri-State Reclamation, located in Thompson, Illinois. There was an \$8.00/ton cost difference: Rosebar bid \$45.00/ton and Tri-State bid \$37.00/ton.

- 3) The Commission expressed concern about awarding grant funds to a company that may have compliance issues.**

The Environmental Protection Division's field office has recently been working with Rosebar on compliance issues. It must be emphasized that no Landfill Alternatives Grant funds will be released to Rosebar or any other grantee unless the facility is in full compliance with all applicable regulations. Standard contractual language prohibits releasing funds unless a grantee is in full compliance and the Waste Management Assistance Division works closely with the Environmental Protection Division to ensure that grantees are in compliance before funds are released.

Ms. Kaiser has been informed about this policy and is aware of the fact that Rosebar's contract will contain stringent conditions regarding compliance.

- 4) The contract budget presented to the Commission in October included existing equipment and building as Rosebar's local match. Were these match items funded by DNR's previous grant to Rosebar?

According to contract files, DNR's previous grant to Rosebar was for equipment only; DNR did not fund building expenses. Please note that while an "existing equipment" line for local match was included in the draft contract presented to the Commission in October, it is not necessary to include this line in order for Rosebar to meet its fifty percent match, as Rosebar was considerably over-matched. Therefore, the "existing equipment" match line has been deleted from the revised contract to be presented to the Commission in November.

The Landfill Alternatives Grant contract between the Department and Rosebar Tire Shredding Center is brought back for approval per the request of the Commission.

At this time, the Commission is requested to approve the contract between the Department and Rosebar Tire Shredding Center. Portions of this contract for Commission review and approval are attached.

Rosebar Tire Shredding Center

\$ 85,442

Grant assistance will be used for the purchase of car tire debadders, a truck tire debader, and a baler. This equipment will facilitate the flow of materials within the facility through efficiency improvements, improve the recovery of waste rubber from tires, improve the marketability of the bead wire by removing more rubber from the beads, and decrease the amount of materials currently being landfilled. The project is located in the City of Vinton, Benton County.

(A copy of the Scope of Work is on file in the department's Records Center)

Ms. Wiekierak briefly reviewed the information requested by the Commission at last month's meeting.

Director Wilson commented that he discussed this item with Eleanor Kaiser and recommended that she be in attendance today to answer any questions the Commission may have.

Charlotte Mohr stated that she would like to know how the cattle mattresses are made.

Eleanor Kaiser

Eleanor Kaiser, owner of Rosebar Tire Center, stated that she discovered a company in Minnesota that makes cattle mattresses using sawdust and oat hulls. She subsequently sent them some shredded rubber in hopes of achieving another market. She related that since then she has received an order for 67 tons, which will run them through part of the winter. Ms. Kaiser noted that she is still producing playground material. She stated that the cow mattress is a mattress that is fastened to the stall and can either be an individual mattress or it can be a tarp effect which covers the whole area, is filled with shredded rubber, rolled up and boarded and bolted across the front. She related that Land-O-Lakes has ordered 25 tons of mattress fill.

Chairperson Hartsuck asked if Rosebar could have lowered their cost and kept the University of Iowa account if they had a new debeader.

Ms. Kaiser stated that she could have lowered her cost to \$31.50/ton and she understood that the University bought material for \$37/ton.

Motion was made by Nancylee Siebenmann to approve the Landfill Alternatives Contract for Rosebar Tire Center, Inc. as presented. Seconded by Charlotte Mohr.

Discussion followed regarding the amount of material Rosebar could have sold to U of I; possibility of selling the outdated debeaders; compliance problems; and widening the fire lanes.

Gary Priebe asked how many tires Rosebar currently has on hand.

Ms. Kaiser stated that she now has 64,000 tires at the facility.

Vote on Commissioner Siebenmann's motion carried unanimously.

APPROVED AS PRESENTED

PUBLIC PARTICIPATION

Robert Anderson

Robert Anderson, Iowa Sportsmens Federation, addressed the Commission in regard to the expansion of the Protected Streams list. He noted that he is before the Commission to support the issue of expanding the list of streams.

Clark Yeager asked Mr. Anderson if he thinks the property owners along these streams should be notified of this action.

Mr. Anderson stated that, in a sense, notification has already been given through the four public hearings that have been held around the state.

Commissioner Yeager asked if each individual property owner should be notified.

Mr. Anderson stated that it is such a monumental task it would be impossible and some of the property owners do not pay taxes and cannot be found.

Melanie Perry

Melanie Perry, Iowa Wildlife Federation, distributed copies of Resolutions of the Iowa Wildlife Federation. She related that these resolutions were passed by the federation members at their annual meeting in October and some of them deal with the work of the Commission. She noted that one resolution deals with protected streams and the Federation feel some appropriate streams should be added to the list. Ms. Perry stated that if there are any questions they can be directed to the federation's Des Moines office.

Justin Kithcart

Justin Kithcart, Jordan Environmental Services, stated that in the near future the Commission will be voting on whether to give the Special Waste Authorization program to the individual landfills or to keep it within the DNR. He related that he understands the concerns and problems that will be associated with tracking and managing special wastes if the landfills do take that responsibility. He noted that they have put together a program to help landfill operators with the SWA program. Mr. Kithcart introduced Pete Cicero to describe the program to the Commission.

Pete Cicero

Pete Cicero, Jordan Environmental Services, distributed copies of a brochure describing the program they developed to help landfill operators. He related that the program will help the landfill operators manage their own special wastes giving them better control over what type of nonhazardous waste, that requires an SWA, is going into their landfill. This program is a computer program that will help them with the tracking and recording of special wastes. The cost of this program would be based on the size of the landfill, how many SWA's they currently have, and how many SWA's they expect to get in a year. Cost would range between \$500 to \$2,000 initially with a monthly charge of \$100 to \$700.

APPOINTMENT - RALPH GROTELUESCHEN

Ralph Grotelueschen, Director of Safety Standards and Environment for Deere and Company, addressed the Commission in regard to the upcoming foundry sand rules. He related that they are trying to facilitate beneficial reuse of materials by recycling them as long as possible. He stated that foundry sand is relatively low risk and displayed samples of waste foundry sand. Mr. Grotelueschen explained what a foundry is, the process used in melting and remolding steel,

and the role of the sand in this process. He stated that he approached the department to develop rules for reusing this material and the department asked him to prepare a draft of what was wanted. He displayed charts on the overhead showing actual leachate results of waste sand in landfills and discussed same.

Discussion followed.

Mr. Grotelueschen stated that at the Governor's Environmental Congress it was mentioned that there is a need for better partnerships in rulemaking. He related that a consortium of Iowa foundry operators worked with and had excellent help from the DNR staff in developing the draft rules. He noted that the cooperation afforded them by the DNR was very good throughout the process, and it was very helpful to have the information provided by staff so they could tie it with their technical knowledge to jointly develop the rule.

Chairperson Hartsuck thanked Mr. Grotelueschen for his presentation to the Commission.

MONTHLY REPORTS

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The following monthly reports are enclosed with the agenda for the Commission's information.

1. Rulemaking Status Report
2. Variance Report
3. Hazardous Substance/Emergency Response Report
4. Enforcement Status Report
5. Contested Case Status Report

Members of the department will be present to expand upon these reports and answer questions.

(Reports are shown on the following 13 pages)

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During October 1993, 56 hazardous conditions reports were received. Two incidents are highlighted below and a general summary is attached. Releases from underground storage tanks, are reported separately.

Date Reported and County	Material, Cause, Location & Impact	Amount, Responsible Party	Response
10/05/93 Linn	A solution of sodium hypochlorite leaked from an overflow tube on a semi-trailer. The solution was spilled on a highway near Mt. Vernon. No injuries were reported.	Vertex Chemical 9909 Clayton Road St. Louis, Missouri	The driver was able to stop the leak. Local officials closed the highway until a DOT road crew applied sand to the spill.
10/06/93 Linn	A bulging 55-gallon drum containing hydrogen peroxide was discovered at the Eagle Tanning plant in Waterloo. The cause of the pressure build-up in the drum is unknown. No injuries were reported.	Eagle Tanning 4465 Remington Road Waterloo, Iowa	The Waterloo HazMat Team responded to the scene. A bung was rotated to relieve pressure in the drum. The drum was removed to a chemical storage area with leak protection.

Substance

Mode

Month	Total Incidents	Petroleum Product	Agri - Chemical	Other Chemicals and Substances	Handling and Storage	Pipeline	Highway Incident	RR Incident	Fire	Other
October	56(83)	37(54)	6(8)	13(21)	34(51)	0(0)	20(25)	0(2)	0(0)	2(5)

Total Number of Incidents Per Field Office This Period:
year '93)

(numbers in parentheses for the same period in fiscal

1 2 3 4 5 6
14 7 6 4 16 9

November 1993

Enforcement Report Update

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The following new enforcement actions were taken last month:

Name, Location and Field Office Number	Program	Alleged Violation	Action	Date
Melvin Foubert d/b/a Mel's Repair Service, What Cheer (6)	Underground Tank	Closure Investigation	Order/Penalty	10/04/93
Don Carlson d/b/a Carlson Oil Co., Armstrong (3)	Underground Tank	Site Assessment; Monitoring Deficiencies	Order/Penalty	10/04/93
J.P. Scherrman, Inc., Farley (1)	Underground Tank	Site Assessment	Order/Penalty	10/04/93
V.T. Industries, Inc., Holstein (6)	Underground Tank	Site Check	Order/Penalty	10/04/93
Stan Simmer d/b/a Tire City, Des Moines (5)	Underground Tank	Closure Investigation	Order/Penalty	10/04/93
Richard Waugh d/b/a Dick's Apco Car Wash, Hampton (2)	Underground Tank	Site Check	Order/Penalty	10/04/93
Clifford W. Ping d/b/a Ping's Service, Sloan (3)	Underground Tank	Site Assessment	Order	10/04/93
Charles City, City of (2)	Wastewater	Effluent Limits	Amended Order	10/04/93
Grain Processing Corp., Louisa Co. (6)	Solid Waste	Operation Without Permit	Order	10/04/93
Jerry L. and Richard Troutman, Van Buren Co. (6)	Solid Waste	Illegal Disposal	Referred to AG	10/18/93
Carson Grain and Implement Co., Coggon (1)	Underground Tank	Site Assessment	Referred to AG	10/18/93
Grant Halsne, Halsne, Inc., Decorah (1)	Underground Tank	Site Assessment	Referred to AG	10/18/93
George Krakow, Elmer Krakow d/b/a Krakow Bros., Marengo (5)	Underground Tank	Site Assessment	Order/Penalty	10/21/93
Louis Saak d/b/a Saak Oil Co., Baxter (5)	Underground Tank	Site Assessment	Order/Penalty	10/21/93
Casey's General Stores, Inc., Grundy Center (5)	Underground Tank	Illegal Deposit	Order/Penalty	10/21/93
Wendling Quarries, DeWitt (6)	Drinking Water	Monitoring/Reporting-Bacteria, Nitrate; Public Notice	Order/Penalty	10/21/93
Douglas Owen d/b/a Campbell Clean-Up Service, Maquoketa (1)	Air Quality Solid Waste	Open Burning Illegal Disposal	Order/Penalty	10/27/93
Walnut Grove Water Co., Davenport (6)	Drinking Water	Monitoring/Reporting-Bacteria; Public Notice	Order/Penalty	10/27/93

Summary of Administrative Penalties

The following administrative penalties are due:

NAME/LOCATION	PROGRAM	AMOUNT	DUE DATE
Ron Jungling d/b/a Jungling Texaco (Wellsburg)	UT	550	11-18-92
Marvin Kruse d/b/a K & C Feeds (Luana)	UT	300	12-01-92
Duane Pospisil d/b/a Duane's Service (Lisbon)	UT	1,000	5-04-93
Dale Hall d/b/a Hall Oil Co. (Des Moines)	UT	300	7-06-93
Robert Bodwell (Winterset)	UT	300	7-07-93
Franklin Raymond (Pacific Junction)	UT	300	7-07-93
Eddie Kewmer (Jones County)	UT	300	7-07-93
*Delano's Lounge (Washington)	AQ/SW	600	8-01-93
*63-80 Cafe (Moore Oil Co.) (Malcom)	WS	425	9-01-93
St. Donatus, City of	WS	400	11-20-93
Linden, City of	WW	500	11-23-93
Club Elvis (West Burlington)	WS	500	11-24-93
Melvin Foubert d/b/a Mel's Repair Service (What Cheer)	WS	300	11-30-93
Richard Waugh d/b/a Dick's Apco Car Wash (Hampton)	UT	400	12-13-93
Don Carlson d/b/a Carlson Oil Co. (Armstrong)	UT	885	12-13-93
VT Industries, Inc. (Holstein)	UT	800	12-14-93
J.P. Scherrman, Inc. (Farley)	UT	768	12-14-93
Stan Simmer d/b/a Tire City (Des Moines)	UT	1,160	12-16-93
Casey's General Stores, Inc. (Grundy Center)	UT	600	12-21-93
Louis Saak d/b/a Saak Oil Co. (Baxter)	UT	6,500	12-25-93
George Krakow, Elmer Krakow (Marengo)	UT	1,560	12-25-93
Wendling Quarries (DeWitt)	UT	1,275	12-25-93
Douglas Owen d/b/a Campbell Clean-up Service (Maquoketa)	WS	730	12-25-93
Walnut Grove Water Company (Davenport)	AQ/SW	1,000	-----
	WS	2,000	-----

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The following cases have been referred to the Attorney General:

NAME/LOCATION	PROGRAM	AMOUNT	DUE DATE
OK Lounge (Marion)	WS	448	11-01-87
Richard Davis (Albia)	SW	1,000	2-28-88
Eagle Wrecking Co. (Pottawattamie Co.)	SW	300	5-07-89
*Twelve Mile House (Bernard)	WS	119	5-20-89
*Lawrence Payne (Ottumwa)	SW	425	6-19-89
William L. Bown (Marshalltown)	SW	1,000	10-01-89
Wellendorf Trust (Algona)	AQ/SW	460	2-12-90
Donald P. Ervin (Ft. Dodge)	SW	669	3-05-90
Amoco Oil Company (Des Moines)	UT	1,000	8-15-90
Gerald G. Pregler (Dubuque Co.)	SW	1,000	9-02-90
Donald R. Null (Clinton Co.)	AQ/SW	1,000	9-06-90
Robert and Sally Shelley (Guthrie Center)	SW	1,000	3-04-91
Fred Varner (Worth Co.)	SW	950	4-11-91
Honey Creek Camping Resort (Crescent)	WS	245	6-13-91
F.R. Thomas/F.R. Thomas, Jr. d/b/a Clair View Acres Store (Delhi)	WS	1,000	8-04-91
*M & W Mobile Home Park (Muscatine)	WW	200	8-21-91
Vern Starling (Boone Co.)	SW	690	9-15-91
Lloyd Dunton (Iowa Co.)	SW	300	11-07-91
Vernus Wunschel d/b/a Wunschel Oil Co. (Ida Grove)	UT	300	1-12-92
Bernard Sadler/Ger-Mar Farms (Allamakee Co.)	SW	500	3-28-92
Kenneth Bode (Mills Co.)	SW	300	4-27-92
*Todd D. Behounek and Paul Behounek (Tama Co.)	SW	100	5-21-92
V.R. Dillingham d/b/a Barb's Service (Everly)	UT	600	5-21-92
Leonard Page d/b/a Kent Store (Kent)	UT	300	5-25-92
Tandem Oak Park Associates (Ft. Dodge)	WS	405	6-03-92
Dick White (Washington County)	AQ	250	8-15-92
Central Paving Corporation (Indianola)	UT	300	8-20-92
Marion Stark (Kellerton)	UT	300	8-26-92
Midway Water & Lighting (Marion)	WS	810	10-07-92
Robert Plendl d/b/a Plendl Bros. Trucking (Kingsley)	UT	300	10-15-92
Shirley Pecoy d/b/a Joe's Place (Sexton)	UT	300	10-19-92
Rankin Roofing & Siding Co. (Knoxville)	AQ	500	11-09-92
Cloyd Foland	FP	800	12-07-92
William D. Ames (Woodbury Co.)	SW	1,000	1-20-93
Tony Hoyt d/b/a Lake Wilderness (Lee Co.)	SW	1,000	1-23-93
Don Grell d/b/a Dodger Enterprise (Ft. Dodge)	AQ	10,000	2-16-93
Bernard Gavin Veterinary Clinic (Wellsburg)	UT	600	5-02-92
Dennis Doud d/b/a D & D Tire (Moravia)	UT	300	1-24-93
Tim Sharp (Newton)	UT	1,000	1-25-93
Jack Link Truck Line, Inc. (Dyersville)	UT	300	1-25-93
David Young d/b/a Sierp Oil Co. (Casey)	UT	300	2-10-93
Clear Lake Stock Farms, Inc. (Osceola Co.)	SW	1,000	7-07-93
Carson Grain & Implement (Coggon)	UT	1,000	8-03-92

The following administrative penalties have been appealed:

NAME/LOCATION	PROGRAM	AMOUNT
Amoco Oil Co. (Des Moines)	UT	1,000
Iowa City Regency MHP (Iowa City)	WW	1,000
1st Iowa State Bank (Albia)	SW	1,000
Amoco Oil Co. (West Des Moines)	UT	1,000
Sioux City, City of	WW	1,000
Des Moines, City of	HC	1,000
Van Dusen Airport Services (Des Moines)	HC	1,000
Maple Crest Motel and MHP (Mason City)	WS	350
Chicago & North Western Transportation, et.al.	SW	1,000
Joe Eggers, Jr., et.al. (St. Ansgar)	SW	1,000
McDowell Dam #1 (Lee Co.)	FP	500
McDowell Dam #2 (Lee Co.)	FP	500
Oskaloosa Food Products Corp. (Oskaloosa)	WW	1,000
Oskaloosa, City of	WW	1,000
Wiota, City of	WS	500
Hickory Hollow Water Co. (Ankeny)	WS	400
White Consolidated/Frigidaire Co. (Jefferson)	WW	1,000
Linden, City of	WS	1,000
William H. Viner (Emerson)	UT	600
Humboldt County Sanitary Landfill Commission	SW	1,000
Wayne Transportation, Inc. (Greene)	WW	1,000
Mulgrew Oil Company (Dubuque)	HC	500
John Staub d/b/a Mr. Convenient (Burlington)	UT	600

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Charles Kerr (Sloan)	UT	600
Stringtown Country Cafe (Lenox)	WS	1,000
Lincoln Farm and Home Service (Henderson)	WW	1,000
Chickasaw Co. SLF, et.al. (Chickasaw Co.)	SW	1,000
Richard Newman (Des Moines Co.)	SW	500
Plymouth Cooperative Oil Co. (Hinton)	WW	1,000
LaVerne Rehder (Union)	UT	300
Randy Bonin/Vickie Brannick (Hardin Co.)	SW	500
Ida County Sanitary Landfill (Ida Co.)	SW	1,000
Dean Hoeness d/b/a Hoeness & Sons (Winterset)	UT	300
Waste Systems Corp./Ronald Roth (Winnebago Co.)	SW	1,000
Decatur, City of	UT	600
South High Point Well Assn. #1 (Iowa City)	WS	600
Case Power and Equipment (Decorah)	WS	500
King's Terrace Mobile Home Court (Ames)	WW	500
ITWC, Inc. (Malcom)	AQ	1,000
Lloyd Decker (Floyd Co.)	SW	1,000
Eldon Krambeck (Scott Co.)	AQ	1,000
Country Mobile Home Court (New Hampton)	WS	845
Albert Rohwer/Chelmer Flynn (Scott Co.)	SW	1,000
Waucoma, City of	WS	200
Tracy Below (Hardin Co.)	WW	1,000
Grand Laboratories, Inc. (Larchwood)	WW	1,000
Frank Hulshizer (Benton Co.)	SW	500
Cargill, Inc. (Eddyville)	SW/WW	1,000
Fausser Oil Company, Inc. (Elgin)	UT	1,000
Land Renu, Inc. (Rockwell City)	SW	1,000
Holnam Inc. (Mason City)	AQ	5,000
Henning Wood Products, Inc. (Winneshiek Co.)	SW	500
Cyclone Steeple Jacks Inc. (Nevada)	AQ	1,000
Newton, City of	SW	1,000
Wells Dairy, Inc. (LeMars)	WW	5,000
LeMars, City of	WW	5,000
Fine Oil Co.; John and Diane Fine (Appanoose Co.)	AQ/HC/WW	10,000
Economy Solar Corp. (Monticello)	AQ	100
Phil McMains (Appanoose Co.)	SW	4,000
Crane Co. d/b/a Crane Valves (Washington Co.)	SW	500
Donald Udel (Plymouth Co.)	SW	1,000
Daisy H. Gridley Conservatorship, et.al. (Union Co.)	SW	1,000
R. Excavating, Inc. (Council Bluffs)	AQ	1,000
Des Moines County Sanitary Landfill (Des Moines Co.)	SW	3,000
Graham Tire Co. of Spencer (Spencer)	UT	1,100
Mel-Ray Mobile Home Park (Ankeny)	WW	500
Thomas L. Burt, et. al. (Butler Co.)	SW	1,000
Oakwood Park Water, Inc. (Ankeny)	WS	1,000
U.S. Dept. of Defense (Sioux City)	UT	5,720
Blue Spruce Feedlots, Inc. (Pottawattamie Co.)	WW	5,000
Valley Restaurant/Sierp Oil/Mary & Carl Sierp (Villisca)	UT	5,000
Valley Restaurant/Sierp Oil/Robert Radford (Villisca)	UT	2,300
Trust Trucking Corp.; Jim and Brenda Huyser (Lovilia)	UT	840
Orlo Stewart, et.al. (Webster Co.)	SW	1,000
South Dallas County Landfill Assoc. (Dallas Co.)	SW	1,000
Porcine-New Way Co.	WW	4,000
Packaging Corporation of America (Tama Co.)	WW	10,000

The following administrative penalties were paid last month:

NAME/LOCATION	PROGRAM	AMOUNT
The River Products Company (Louisa Co.)	WW	1,000
Midwest Asbestos, Inc. (Cedar Falls/Tama)	AQ	250
Casey's General Stores, Inc. (Anamosa)	AQ	250
Charles Hennaman (Mitchel Co.)	SW	100
Technical Asbestos Control, Inc. (Davenport)	AQ	200
*63-80 Cafe (Moore Oil Co.) (Malcom)	WS	100
Cliff Place (Waverly)	WS	50
Woolstock, City of	WS	200
Woolstock, City of	WW	400
TOTAL		2,550

The \$1,000 penalty assessed to Dell Oil Ltd. (Sioux City) has been rescinded.

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Name, Location and Region Number	Program	Alleged Violation	DNR Action	New or Updated Status	Date
American Meat Protein Corp. Lytton (3)	Wastewater	Pretreatment	Referred to Attorney General	Referred Petition Filed Motion to Add City Granted Trial Date	10/21/91 4/30/92 12/16/92 1/25/94
Amen, William D. Woodbury County (3)	Solid Waste	Illegal Disposal	Order/Penalty	Referred Petition Filed	2/15/93 9/17/93
Amoco Oil Company Des Moines (5)	Updated Underground Tank	Remedial Action	Referred to Attorney General	Referred Suit Filed Trial Date Consent Decree (\$100,000/Civil; \$1,000/Admin.)	8/21/90 10/15/90 9/27/91 10/25/93 10/12/93
Anthon, City of (3)	Wastewater	Discharge Limits	Order	Referred Petition Filed	11/16/92 1/22/93
Behounek, Paul and Todd Tama (5)	Updated Air Quality	Open Burning	Referred to Attorney General	Referred Petition Filed Trial Date Consent Decree (\$1,000/Civil; Injunction)	5/18/92 12/11/92 12/15/93 10/21/93
Birusingh, Kiralene A. Crescent (4)	Solid Waste	Illegal Disposal	Referred to Attorney General	Referred Petition Filed	6/15/92 12/11/92
Carney, Don and Gertrude Ft. Dodge (2)	Solid Waste	Illegal Disp.	Order/Penalty	Referred Petition Filed	4/15/91 3/25/92
Carson Grain & Lumber Co. Cognon (1)	New Underground Tank	Site Assessment	Order/Penalty	Referred	10/18/93
Chicago & Northwestern Transportation Co. Blue Chip Enterprises Hawkeye Land Company Iowa Falls (2)	Hazardous Condition	Remedial Action	Order	Petition for Judicial Review Petition for Judicial Review Petition for Judicial Review Order/Change Venue to Hardin Co. Oral Arguments Order Affirmed Supreme Court Appeals Filed	8/19/91 8/14/91 9/16/91 11/21/91 3/10/93 4/23/93 5/23/93
Chicago & Northwestern Transportation Co. Stanwood (6)	Air Quality	Open Burning	Referred to Attorney General	Referred Petition Filed	5/07/92 4/08/93
Clear Lake Stock Farm Oscoto (2)	Updated Solid Waste	Illegal Disposal	Order/Penalty	Referred Closed Administratively	9/20/93 10/18/93
Cota Industries, Inc. Des Moines (5)	Hazardous Condition	Remedial Action	Order	Referred Petition for Judicial Review Order Granting Motion to Dismiss Notice of Appeal Affirmed by Supreme Court Petition Filed	4/15/91 4/18/91 7/23/91 8/13/91 10/21/92 4/16/93
Doad, Dennis D & D Tire Company Moreau (5)	Underground Tank	Closure Investigation	Order/Penalty	Referred Petition Filed	5/17/93 7/30/93
Danton, Lloyd Iowa County (6)	Solid Waste	Illegal Disp.	Order/Penalty	Referred Petition Filed Trial Date	12/16/91 8/26/92 12/20/93
Ecology Enterprises, Inc; Hollis D. DeVor, Michael Murray; Robert Rausch Chickasaw County (1)	Solid Waste	Illegal Disposal	Referred to Attorney General	Referred Petition Filed	6/15/92 3/04/93

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Ervin, Don Webster County (2)	Solid Waste	Operation Without Permit	Order/Penalty	Referred Judgment for \$1,000 Execution of Order to Levy Application to Condemn Funds Partial Payment Received (\$331)	4/16/90 7/13/90 9/28/90 11/27/90 11/30/90
		Permit Violations	Referred to Attorney General	Referred Temporary Injunction Order of Contempt Order Granting Stay Contempt Reversed (Court of Appeals) Application for Further Review Supreme Ct. Reversed Ct of Appeals Order to Serve Sentence Application for Hearing Order Denying Reconsideration of Sentence Trial Date	9/16/91 9/18/91 12/20/91 12/26/91 9/29/92 10/16/92 2/17/93 3/17/93 3/18/93 3/19/93 2/15/94
Gevin, Bernard Gevin Veterinary Clinic Wellsburg (2)	Underground Tank	Closure Investigation	Order/Penalty	Referred Petition Filed	5/17/93 7/28/93
Giese Construction Co. Ft. Dodge (2)	Solid Waste Air Quality Burning	Illegal Dis- posal; Open	Referred to Attorney General	Referred Petition Filed	5/29/92 3/26/93
Giese Construction Co. Ft. Dodge (2)	Hazardous Cond. Wastewater	Site Contamination	Referred to Attorney General	Referred Petition Filed	1/19/93 3/26/93
Halseo, Grant d/b/a Halseo, Inc. Decorah (1) New	Underground Tank	Site Assessment	Order	Referred	10/18/93
Hoyt, Tony L. d/b/a Lake Wilderness Camp Lee County (6)	Solid Waste Air Quality	Illegal Disposal Open Burning	Order/Penalty	Referred Petition Filed	2/15/93 4/15/93
IBP, Inc. Columbus Junction (6)	Wastewater	DNR Defendant	Defense	Suit Filed Judgment for DNR Motion to Enlarge Order Denying Motion Notice of Appeal Appellant's Brief	3/17/92 10/28/92 11/06/92 12/16/92 1/11/93 6/25/92
International Hydroform Pelle (5)	Underground Tank	Remedial Action	Order	Referred	5/17/93
Iowa City, City of (6)	Solid Waste	Cover Violations	Referred to Attorney General	Referred Petition Filed Trial Date	4/28/92 1/28/93 1/26/94
Jack Link Truck Line, Inc. Dyersville (1)	Underground Tank	Closure Investigation	Order/Penalty	Referred	5/17/93
Landfill of Des Moines, Inc. Des Moines #4 (5)	Solid Waste	Compliance Schedule; Other	Order/Penalty	Referred Petition Filed Trial Date	12/16/91 9/01/92 1/26/94
Landfill of Des Moines, Inc. Des Moines #5 (5)	Solid Waste	Compliance Schedule; Other	Order/Penalty	Referred Petition Filed Trial Date	5/18/92 9/01/92 1/26/94
Lytton, City of (3)	Wastewater	Pro-treatment	Referred to Attorney General	Referred Petition Filed (Added to AMPC) Trial Date	5/18/92 12/28/92 1/25/94

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Manadam, Donald Roff (3)	Solid Waste	Operation Without Permit	Order	Referred Petition Filed	1/21/92 2/26/92
Martinez, Vincent d/b/a Martinez Sewer Service Davenport (5)	Hazardous Condition	Remedial Action	Order/Penalty	Referred Petition Filed	2/1/92 12/21/92
Bob McKinnis Excavating & Grading v. IDNR	Hazardous Condition	DNR Defendant	Defense	Suit Filed DNR Motion to Dismiss Ruling on Motion to Dismiss and Enforcement Ruling on Phase I Trial	3/12/91 5/8/91 3/26/92 9/8/93
Midway Water & Lighting Marion (1)	Drinking Water	Mtg/Rptg. MCL-Bacteria	Order/Penalty	Referred Petition Filed	12/21/92 4/21/93
Moore, Ron d/b/a 63-180 Cafe Malcom (5)	Drinking Water	Mtg/Rptg. Nitrate, Other	Order/Penalty	Referred Payment Schedule (\$1,000/Admin.)	11/16/92 4/8/93
Picard, Robert B. Picard Brothers Trucking Kingsley (3)	Underground Tank	Closure Investigation	Order/Penalty	Referred	5/17/93
Pringle, Michael and Brenda d/b/a Follet's Tap Camanche (6)	Drinking Water	Mtg/Rptg. Bacteria/Nitrate	Referred to Attorney General	Referred Petition Filed	6/15/92 3/8/93
Prins, John; Bradford Paving Bradford (2)	Underground Tank	Closure Investigation	Order	Referred Petition Filed Trial Date	10/19/92 12/24/92 11/18/93
Prues, Harlan Cedar Co. (6)	Hazardous Condition	Clean-Up Costs	Defense	Suit Filed DNR Answer	7/27/93 8/13/93
Sedler, Bernard and Ger Mar Farms, Inc. Allamakee Co. (1)	Solid Waste	Illegal Disposal	Order/Penalty	Referred Petition Filed	9/21/92 12/24/92
Schultz, Albert and Iowa Iron Works Ely (1)	Solid Waste	Open Dumping	Referred to Attorney General	Referred Suit Filed Trial Date	9/20/89 8/8/90 11/08/93
Sharp, Tim Gas-H-Go Newton (3)	Underground Tank	Site Check	Order/Penalty	Referred Petition Filed	5/17/93 7/27/93
Shelley, Roberto and Sally Guthrie Center (4)	Solid Waste	Illegal Disposal	Order/Penalty	Referred Petition Filed Trial Date Ruling (\$1,000/Admin.; Clean-up Ordered) Notice of Appeal Appellant's Brief State's Brief	4/15/91 7/18/91 5/19/92 8/25/92 9/17/92 11/09/92 1/11/93
Smith, Don Dallas Center (5)	Underground Tank	Closure Investigation/ Failure to Register	Order	Referred Petition Filed Trial Date	10/19/92 3/8/93 12/01/93
Stark, Marion Kellerton (4)	Underground Tank	Closure Investigation	Order/Penalty	Referred Petition Filed Trial Date	10/19/92 4/16/93 11/04/93

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Starling, Vern Perry (5)	Solid Waste	Illegal Disposal	Order	Referred Petition Filed	11/16/92 4/14/93
Troutman, Jerry L. & Richard Van Buren Co. (6)	New Solid Waste	Illegal Disposal	Order	Referred	10/18/93
Winterset, City of (5)	Wastewater	Effluent Limits	Referred to Attorney General	Referred Petition Filed Trial Date	7/20/92 3/23/93 4/26/94
Weuschel, Vernus Ida Grove (3)	Updated Underground Tank	Closure Investigation	Order/Penalty	Referred Tanks Removed Soil Sampling Completed Groundwater Sampling Completed Lab Analysis Submitted Boring Logs Submitted Closed Administratively	2/17/92 4/23/92 8/24/92 9/18/92 10/20/92 12/10/92 11/02/93
Yates, Clifford Council Bluffs (4)	Solid Waste	Illegal Disposal	Referred to Attorney General	Referred Petition Filed	4/20/92 11/23/92
Young, David Serp Oil Company Casey (5)	Underground Tank	Closure Investigation	Order/Penalty	Referred	5/17/93

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DATE RECEIVED	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
1-23-86	Oelwein Soil Service	Administrative Order	WW	Landa	Hearing continued.
5-12-87	Iowa City Regency RHP	Administrative Order	WW	Hansen	10/93 - Schedule for construction submitted to DNR by engineer.
2-05-88	Warren County Brenton Bank	Administrative Order	UT	Wornton	SCR submitted.
10-20-88	Worth Co. Co-Op Oil Northwood Cooperative Elevator Sunray Refining and Marketing Co.	Administrative Order	WC	Murphy	Ruling on dismissal/intervention 11/16/92. Petition for Judicial Review. Judicial review hearing continued.
1-25-89	Amoco Oil Co. - Des Moines 7LYY03	Administrative Order	UT	Wornton	Clean-up progressing. Review progress. Settle penalty - close.
5-01-89	Amoco Oil Co. - West Des Moines	Administrative Order	UT	Wornton	Compliance initiated. Review progress. Settle penalty - close.
6-08-89	Shaver Road Investments	Site Registry	WW	Landa	Hearing continued. Discovery initiated.
6-08-89	Hawkeye Rubber Mfg. Co.	Site Registry	WW	Landa	Hearing continued. Discovery initiated.
6-08-89	Lehigh Portland Cement Co.	Site Registry	WW	Murphy	Hearing continued. Discovery initiated.
6-22-89	Chicago & Northwestern Transportation Co. Hawkeye Land Co. Blue Chip Enterprises	Administrative Order	WC	Murphy	District court affirms Sept. - 4/23/93. Appealed to Iowa Supreme Court.

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DATE RECEIVED	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
10-24-89	Farmers Cooperative Elevator Association of Sheldon	Site Registry	HC	Lande	Negotiation proceeding.
10-24-89	Consumers Cooperative Assoc.	Site Registry	HC	Lande	Negotiation proceeding.
11-03-89	Bridgestone/Firestone, Inc.	Site Registry	HC	Murphy	Hearing continued pending negotiations.
11-20-89	FFCA/IIP	Site Registry	HC	Murphy	Considering dismissal.
4-23-90	Sioux City, City of	Administrative Order	WM	Hansen	Amended order to be issued.
5-08-90	Texaco Inc./Chemplex Co. Site	Site Registry	HW	Lande	Settlement proposed.
5-14-90	Van Dusen Airport Services	Administrative Order	HC	Lande	Compliance initiated.
5-14-90	Alter Trading Corp. (Council Bluffs)	Administrative Order	SW	Kennedy	Negotiating before filing.
5-15-90	Des Moines, City of	Administrative Order	HC	Lande	Hearing continued. Settlement proposed.
6-20-90	Des Moines, City of	NPDES Permit Cond.	WM	Hansen	City response under review by EPD.
7-02-90	Keokuk Savings Bank and Trust Keokuk Coal Gas Site	Site Registry	HW	Lande	Hearing continued.
7-30-90	Key City Coal Gas Site; Murphy Trust & Howard Pixler	Site Registry	HW	Lande	Decision appealed (Pixler). Motion to intervene denied 2/17/91 (Murphy Trust)
8-01-90	J.I. Case Company	Site Registry	HW	Preziosi	Hearing set for 5/4/93.
9-10-90	ISP, Inc. Columbus Junction	Administrative Order NPDES Permit	WM	Hansen	Appealed to Polk Co. District Court. Judgment for DNR. Appealed to Supreme Court. Briefs submitted.
9-12-90	Michael & Joyce Haws; George H. Gronau	Administrative Order	UT	Wornson	New party has assumed liability. Will dismiss case upon completion of SCR.
9-20-90	Duane Schwerting	Variance Denial	SW	Kennedy	Hearing continued.
10-15-90	Westside General Store Corp.	Administrative Order	UT	Wornson	Investigate alternatives-finalize inability, etc.
10-18-90	Harlan Pruess	Claim	HC	Murphy	Proposed decision - 2/18/93. Appealed to EPC. Affirmed/modified 6/21/93. Appealed to Cedar County District Court.
11-15-90	Springwood Enterprises, Inc.	Water Use Permit	WR	Clark	Settled.
12-04-90	United States Gypsum Company	Administrative Order	SW	Kennedy	Negotiating before filing.
12-21-90	Des Moines, City of	Administrative Order	UT	Wornson	Settlement close.
12-27-90	McAtee Tire Service, Inc.	Administrative Order	SW	Kennedy	Hearing continued.
1-07-91	Joe E. Eggers, Jr.; Joe and Mary Eggers	Administrative Order	SW	Kennedy	Hearing set for 11/29/93.
1-09-91	Iowa Southern Utilities	Administrative Order	HC	Preziosi	Hearing continued indefinitely. Working towards settlement.
1-28-91	McDowell Dam #1 & #2	Administrative Order	FP	Clark	Negotiating before filing.
3-22-91	Mitchell Bros. Boars and Gilts	Administrative Order	WM	Murphy	Negotiating before filing.
5-09-91	Oskaloosa Food Products Corp.	Administrative Order	WM	Hansen	Letter sent 9/4/92 regarding resolution of appeal.
5-16-91	Oskaloosa, City of	Administrative Order	WM	Hansen	10/93 - DNR settlement offer to City.
5-20-91	Great Rivers Coop--Lockridge	Site Registry	HC	Murphy	Settlement proposed.
7-15-91	Des Moines Independent School District - North High School	Site Registry	HC	Murphy	Firestone proceeding with site investigation.
7-24-91	Alter Trading Corp. (Davenport)	Administrative Order	SW	Kennedy	Negotiating before filing.

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7-27-91	Chicago North Western; Dennis Bell; Phillips Petroleum; Amoco Oil Co.	Administrative Order	HC	Murphy	Hearing continued. Compliance hearing completion.
9-25-91	Archer Daniels Midland	Administrative Order	SW	Kennedy	Negotiating before filing.
1-07-92	Vieta, City of	Administrative Order	WS	Hansen	2/93 revised report reviewed by WS - new schedule proposed.
1-17-92	Hickory Hollow Water Co.	Administrative Order	WS	Hansen	Settlement offer to WS. Counter offer 7/13/93. Dept. response on 8/3/93. Facility response 8/11/93.
1-21-92	Dell Oil, Ltd.	Administrative Order	HC	Wornson	Settled.
1-30-92	Center Oil Co., Inc.	Administrative Order	HC	Murphy	Negotiating before filing.
2-28-92	William M. Viner	Administrative Order	UT	Wornson	Consent order drafted. Awaiting execution. Attorney contacted regarding response.
3-30-92	White Consolidated Industries	Administrative Order	WV	Hansen	Negotiating before filing.
4-07-92	Humboldt Co. Sanitary Landfill	Administrative Order	SV	Kennedy	Hearing continued until further order.
4-09-92	Wayne Transports, Inc.	Administrative Order	WV	Murphy	Negotiating before filing.
4-15-92	Mulgrew Oil Co.	Administrative Order	HC	Wornson	Negotiating before filing.
4-24-92	Charles A. Kerr	Administrative Order	UT	Wornson	Financial inability claimed. Requesting document.
4-30-92	Poweshiek Water Assoc.	Administrative Order	WS	Hansen	Negotiating before filing.
5-05-92	Plymouth Cooperative Oil Co.	Administrative Order	WV	Murphy	Negotiating before filing.
5-12-92	Paris & Sons, Inc.	Site Registry	HC	Murphy	Negotiating before filing.
5-15-92	Heertland Lysine, Inc.	Tax Certification	AQ	Preziosi	Negotiating before filing.
5-27-92	Beckett Chevrolet-Olds	Administrative Order	UT	Wornson	Financial inability claimed. Request documents.
6-05-92	Wilson Foods	Permit Denial	AQ	Preziosi	Negotiating before filing.
6-23-92	Chickasaw County Board of Supervisors, Chickasaw Co. SLF	Administrative Order	SW	Kennedy	Negotiating before filing.
6-26-92 10-05-92 1-12-93	Weste Systems Corp. and Robert Roth d/b/a Winnebago Co. SLF	Administrative Order Denial of Comp. Plan Amended Order	SW	Kennedy	Settlement pending.
7-01-92	Richard A. Newman	Administrative Order	SW	Kennedy	Decision received 9/1/93.
7-01-92	Des Moines Independent School District-North High	Administrative Order	WV	Murphy	Firestone proceeding with site investigation
8-06-92	Randy Bonin and Vickie Brannick	Administrative Order	SW	Kennedy	Negotiating before filing.
8-13-92	Ida County Sanitary Landfill	Administrative Order	SW	Kennedy	Hearing set for 11/12/93.
8-13-92	Iowa Conference of the United Church of Christ	Administrative Order	FP	Clark	Negotiating before filing.
8-24-92	Dean Hoeness d/b/a Hoeness & Sons	Administrative Order	UT	Wornson	Financial inability claimed. Request documents.

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9-03-92	Case Power and Equipment	Administrative Order	WS	Hansen	Case proposal to resolve appeal to Dept.
9-21-92	Buffalo Gill Estates, Inc.	Administrative Order	WS	Clark	Settlement close.
9-21-92	ITWC	Administrative Order	AQ	Preziosi	Negotiating before filing.
9-22-92	King's Terrace NHP	Administrative Order	WM	Hansen	Negotiating before filing.
10-06-92	Lloyd Decker	Administrative Order	SW	Kennedy	Negotiating before filing.
10-12-92	Eldon Kranbeck	Administrative Order	AQ	Preziosi	Settlement close.
10-16-92	Ron Jungling d/b/a Jungling Service	Administrative Order	UT	Morrison	Compliance except for penalty. FO inspection prior to penalty negotiation.
10-28-92	Albert Rohwer, Jr.	Administrative Order	SW	Kennedy	Negotiating before filing.
11-13-92	Tracy Below	Administrative Order	WM	Clark	Hearing continued.
11-16-92	Grand Laboratories Inc.	Administrative Order	WM	Hansen	9/12/93 Dept. letter to facility again requesting revised assessment plan.
11-16-92	Frank Mulshizer	Administrative Order	SW	Kennedy	Negotiating before filing.
11-23-92	Cargill, Inc.	Administrative Order	SW/WM	Kennedy	Informal meeting 12/4/92.
12-04-92	Fausser Oil Co., Inc.	Administrative Order	UT	Morrison	Request for hearing.
12-14-92	Quantum	Permit Conditions	WM	Hansen	3/30/93 Dept. settlement offer made. 5/13/93 - response from company. Company collecting data.
12-14-92	Gary Lelor	Administrative Order	AQ/SW	Kennedy	Negotiating before filing.
12-15-92	IBP, Inc. Geneseo, IL	SUA Denial	SW	Kennedy	Negotiating before filing.
1-12-93	Chicago & North Western Transportation Co.	Administrative Order	HC	Morrison	Negotiating before filing.
1-22-93	Pirelli Armstrong Tire Co.	Administrative Order	SW	Kennedy	Negotiating before filing.
1-28-93	Midway Oil Company (Indiana)	Administrative Order	UT	Morrison	Negotiating penalty.
1-28-93	Raven Corp.; Midway Oil Co. (Toledo)	Administrative Order	UT	Morrison	Negotiating penalty.
1-29-93	Case Corporation	Permit Conditions	WS	Hansen	3/1/93 Case proposal to DNR to resolve appeal.
2-19-93	TRS Industries, Inc.; City of Des Moines	Administrative Order	SW	Kennedy	Decision received 9/13/93. Appealed to EPC.
2-24-93	Salem Lutheran Church	US Classification	WS	Clark	Settled.
3/09-93	James, William d/b/a Bill James Agencies	Administrative Order	SW	Kennedy	Negotiating before filing.
3/11/93	Land Remu, Inc.	Administrative Order	SW	Morrison	Compliance complete. Negotiating penalty.
3/15/93	Pat Benjamin	Administrative Order	UT	Morrison	Analyzing financial inability.
3/19/93	Kolman Inc.	Administrative Order	AQ	Preziosi	Settlement close.
3/29/93	Kenning Wood, Inc.	Administrative Order	SW	Kennedy	Settlement meeting set for 9/3/93.

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DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
CONTESTED CASES
November 1, 1993

DATE RECEIVED	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
4/02/93	Newton, City of	Administrative Order	SW	Kennedy	Negotiating before filing.
4/05/93	Cyclone Steeple Jacks, Inc.	Administrative Order	AG	Preziosi	Negotiating before filing.
4/05/93	Mapleton, City of	W/ Operator Certification	W/	Hansen	Under review by EPD - letter drafted.
4/09/93	Economy Solar Corp.	Administrative Order	AG	Preziosi	Hearing set for 11/18/93.
4/09/93	Fine Oil Co., Inc.	Administrative Order	AG/HC W/	Preziosi	Negotiating before filing.
4/09/93	Wells Dairy, Inc.	Administrative Order	W/	Hansen	10/93 - Proposal for settlement submitted by Wells Dairy.
4/12/93	Letters, City of	Administrative Order	W/	Hansen	Plan of action submitted. Reviewed by EPD. Construction permit issued.
4/16/93	Phil McMeins	Administrative Order	SW	Kennedy	Negotiating before filing.
4/19/93	Council Bluffs, City of	Permit Conditions	W/	Hansen	Under review by EPD.
4/21/93	Donald Udell	Administrative Order	SW	Kennedy	Negotiating before filing.
4/26/93	Crane Co.	Administrative Order	SW	Kennedy	Negotiating before filing.
4/30/93	R. Excavating, Inc.	Administrative Order	AG	Preziosi	Settled.
5/07/93	Midwest Asbestos, Inc.	Administrative Order	AG	Preziosi	Settled.
5/23/93	Fellner Motors	Administrative Order	FP	Clark	Negotiating before filing.
6/01/93	Graham Tire Co. of Spencer	Administrative Order	UT	Vornson	Compliance initiated.
6/17/93	Laurence Schmitz, Gerald Schmitz, Duane Schmitz, Vernon Schmitz, and Ruth Ann Frieders	Permit Issuance	FP	Clark	Sent to DIA.
6/21/93	Jacobs Energy Corp., Inc.	Permit Denial	AG	Preziosi	Negotiating before filing.
6/13/93	Leo Schechtner	Permit Issuance.	FP	Clark	Sent to DIA.
6/29/93	Hel-Ray MHP and Sales	Administrative Order	W/	Clark	Negotiating before filing.
7/02/93	Merlyn Stenbrough; Donna Stenbrough	Administrative Order	SW	Kennedy	Appeal to be withdrawn.
7/06/93 7/28/93	Dennis E. Good Berniece K. Neese	Administrative Order	UT	Vornson	Negotiating before filing.
7/09/93	Oakwood Park Water, Inc.	Administrative Order	WS	Hansen	Proposal by facility's attorney 7/13/93. Response by Dept. 8/3/93. Response by facility 8/11/93.
7/14/93	South Dallas Co. Landfill	Administrative Order	SW	Kennedy	Settlement pending.
7/20/93	Valley Restaurant/Sierp Oil; Mary & Carl Vierp; and Robert Radford	Administrative Order	UT	Vornson	Negotiating before filing.
7/23/93	Blue Spruce Feedlots, Inc.	Administrative Order	W/	Clark	Negotiating before filing.
7/27/93	Trust Trucking Co.	Administrative Order	UT	Vornson	Negotiating before filing.

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DEPARTMENT OF NATURAL RESOURCES ENVIRONMENTAL PROTECTION COMMISSION CONTESTED CASES November 1, 1993

DATE RECEIVED	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
8/03/93	Grain Processing Corp.	Administrative Order	AQ	Preziosi	Sent to DIA.
8/06/93	Muscataine Power & Water	Administrative Order	AQ	Preziosi	Sent to DIA.
8/06/93	Monsanto	Administrative Order	AQ	Preziosi	Negotiating before filing.
8/16/93	Orchard, City of	Variance Denial	LW	Murphy	EPC decision 10/10/93.
8/23/93	Walnut Grove Products	Permit Denial	AQ	Preziosi	Negotiating before filing.
8/24/93	Green Valley Chemical	Permit Conditions	LW	Hansen	Negotiating before filing.
9/09/93	Ames Transit Authority	Permit Conditions	AQ	Preziosi	Negotiating before filing.
9/29/93	Charles W. Sharp	Permit Issuance	FP	Clark	New case.
10/11/93	West Central Cooperative	Permit Denial	AQ	Preziosi	New case.
10/15/93	Bedford, City of	Plant Classification	LW	Hansen	New case.
10/22/93	Packaging Corp. of America	Administrative Order	LW	Hansen	New case.
10/25/93	Porcine-Bow May Co.	Administrative Order	LW	Clark	New case.

Mr. Stokes stated that a letter was distributed to the Commissioners from the landfill operators association regarding the issue of a petition for rulemaking on leachate control. They had petitioned the Commission for consideration of a change and the Commission tabled it pending the department working with representatives of the landfill operators association. Mr. Stokes related that staff asked for the rules to be tabled again two months ago while they continued to work with representatives of the industry. He noted that the issue should have been on the agenda this month but erroneously was not, so it will be presented to the Commission next month.

Mr. Stokes stated that the Legislative Rules Review Committee is aware of the Iowa drinking water program being somewhat in jeopardy and will visit that issue at their December meeting.

Discussion followed regarding administrative penalties appealed; several cases on the referral report; the UST program and the prioritization of high-risk and low-risk sites.

INFORMATIONAL ONLY

FINAL RULE--CHAPTER 23, EMISSION STANDARDS FOR CONTAMINANTS

E93Nov-35

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Environmental Protection Commission Minutes

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

Attached is a proposed final rule to amend existing air quality regulations providing exemptions from open burning prohibitions for "training fires".

A public hearing has been held and the public participation responsiveness summary is attached.

The Commission will be asked to adopt the rule as final at this meeting.

ENVIRONMENTAL PROTECTION COMMISSION [567]
Adopted and Filed

Pursuant to the authority of Iowa Code section 455B.133, the Environmental Protection Commission hereby adopts an amendment to Chapter 23, "Emission Standards for Contaminants", Iowa Administrative Code.

Notice of Intended Action was published in the Iowa Administrative Bulletin on September 15, 1993 as ARC 4277A. A public hearing was held on October 5, 1993. The Environmental Protection Commission adopted this rule on , 1993.

This revision makes the training fire notification requirements, specified in paragraph 23.2(3)"g", consistent with the asbestos National Emission Standards for Hazardous Air Pollutants.

There are no changes as a result of the public hearing and this amendment is identical to that published under the Notice of Intended Action.

This amendment may impact small businesses.

This rule is intended to implement Iowa Code chapter 455B.133.

The following amendment is adopted.

Paragraph 23.2(3)"g" is amended as follows:

g. Training fires. Fires set for the purpose of bona fide training of public or industrial employees in fire fighting methods, provided that ~~the director receives notice in writing at least one week written notification is postmarked or delivered to the director at least ten working days~~ before such action commences. Notification shall be made in accordance with 40 CFR Section 61.145, "Standard for demolition and renovation", of the asbestos National Emission Standards for Hazardous Air Pollutants, as amended through March 5, 1992. All asphalt roofing and asbestos-containing materials shall be removed prior to the training fire.

Date

Larry J. Wilson, Director

**PUBLIC PARTICIPATION RESPONSIVENESS SUMMARY
FOR CHAPTER 23,
EMISSION STANDARDS FOR CONTAMINANTS**

INTRODUCTION

On August 16, 1993, The Environmental Protection Commission approved, and sent for public comment, an amendment to Iowa Administrative Code, Chapter 23 - Emission Standards for Contaminants, relating to the training fire exemption to the open burning prohibition. The Notice of Intended Action was published in the Iowa Administrative Rules Bulletin on September 15, 1993. This notice established a written comment period ending October 5, 1993, and a public hearing on October 5, 1993.

This revision makes the training fire notification requirements consistent with the asbestos National Emission Standards for Hazardous Air Pollutants.

There were two people in attendance at the public hearing. One oral comment was received at the hearing. A question and answer period was held after the comment was received to assist those in attendance. No written comments were received at the public hearing or during the comment period. A summary of the comment is as follows.

COMMENT

Iowa Firemens' Association: The Iowa Firemens' Association does not perceive a problem with the change of the notification requirement from one week to ten working days.

Response: No response necessary.

Mr. Stokes reviewed briefly reviewed the rules.

Motion was made by William Ehm to approve Final Rule--Chapter 23, Emission Standards for Contaminants. Seconded by Clark Yeager. Motion carried unanimously.

APPROVED AS PRESENTED

CEDAR RIVER PAPER COMPANY UPDATE

Gaye Wiekierak, referring back to Item #5, informed the Commission that the Cedar River Paper Company is partially owned by a subsidiary of Weyerhaeuser, and is named Weyerhaeuser Midwest. It is also partially owned by a subsidiary of BENK Engineering, named Midwest Recycling Company. The owner of Weyerhaeuser Midwest, located in the state of Washington, is Mauro Imizian. The owner of Midwest Recycling Company, located in Delaware, is Paul Gordon. Ms. Wiekierak stated that the company will be buying their cardboard at a going market rate.

NOTICE OF INTENDED ACTION--CHAPTER 108, BENEFICIAL REUSE OF FOUNDRY SAND

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission will be asked to approve a Notice of Intended Action on the attached proposed rule in order to provide public notice and solicit public comment on this proposal.

The attached rules would exempt used foundry sand from regulation as a solid waste under certain specified conditions where the used foundry sand is being reused for beneficial purposes or as a raw material feed stock for other products or materials.

The department has been working with representatives of the foundry industry in Iowa in the formulation of these proposed rules. As part of this item, the Commission will be given a short presentation on the nature and uses of foundry sand.

ENVIRONMENTAL PROTECTION COMMISSION [567]

Notice of Intended Action

Pursuant to the authority of Iowa Code sections 17A.3(1) and 455B.304(1), the Environmental Protection Commission hereby gives Notice of Intended Action to amend Chapter 108, "Reuse of Solid Waste," Iowa Administrative Code.

The proposed amendments will authorize and establish criteria for the beneficial reuse of foundry sand, without the need for a permit under the department's solid waste authority.

Any interested person may make written suggestions or comments on the proposed rule on or before _____. Such written materials should be directed to _____, Department of Natural Resources, Wallace State Office Building, Des Moines, Iowa 50319-0034, FAX (515)281-8895. Persons who wish to convey their views orally should contact _____ at _____.

There will be a public hearing on _____ at _____ p.m. in the _____ Conference Room of the Wallace State Office Building, at which time persons may present their views either orally or in writing. At the hearing, persons will be asked to give their names and addresses for the record and to confine their remarks to the subject of the rule.

This rule is intended to implement Iowa Code sections 455B.301-.308.

This rule may impact small business.

The following amendments are proposed:

ITEM 1. Amend rule 108.1 as follows:

567--108.1(455B) Scope. This chapter establishes the conditions under which certain solid wastes may be reused, without a solid waste permit. It does not relieve any duty to obtain other permits or comply with other rules which may apply. Solid waste which is not reused in accordance with this chapter must be disposed, processed, composted, recycled or land applied in conformance with chapters 101 to 121 of these rules. This chapter applies only to the materials listed, and not to such materials mixed with other wastes.

ITEM 2. Amend rule 108.2(455B) by adding the following definition, in alphabetical order:

"Used foundry sand" means residuals from the foundry industry which are derived from molding, core-making, and casting cleaning processes that primarily contain either individually or in combination sand, olivine or clay and which by specified leach test is acceptable for reuse.

ITEM 3. Adopt a new rule 108.4(455B), as follows:

567--108.4(455B) Used foundry sand.

108.4(1) General conditions of reuse - foundry sand.

a. A representative sample of used foundry sand shall be used for reuse classification by point of generation. A sample is to be collected from each contributing type of manufacturing process in accordance with U.S. EPA Method SW-846 and the sampling frequency schedule described in the Foundry Sand Management Plan (see IAC section 108.4(3)).

b. A representative sample of leachate extracted by RCRA TCLP (Toxic Characteristic Leaching Procedure -- referenced 40 CFR Part 261, Appendix II) analysis shall be used for classification of used foundry sand for reuse. Any used foundry sand possessing leachate characteristics less than or equal to 90% of Federal RCRA TCLP leachate classification limits (reference 40 CFR 261.24) shall be considered acceptable for reuse.

c. A representative sample is to be evaluated for pH using U.S. EPA Method 9045. Any used foundry sand possessing a pH greater than or equal to 5.0 and less than or equal to 10.0 shall be considered acceptable for reuse.

108.4(2) Short term storage requirements.

Used foundry sand may be accumulated in an on-site or off-site storage facility, including shared facilities, without a permit in anticipation of reuse provided that the storage activity is managed in accordance with a site-specific foundry sand management plan that has been certified (approved) by an officer of the facility assuming overall site management responsibility or its designated representative.

a. Short term accumulation of used foundry sand shall be restricted only to the extent that the storage site meets or exceeds the site management restrictions listed in paragraph "b" of this subrule, and:

1. Used foundry sand cannot be stored unless the total accumulation is less than the volume needed for support of the specific reuse application(s) identified by the Plan (see subrule 108.4(3)), or in the alternative

2. The accumulation period does not exceed three years.

b. Any storage site used for temporary accumulation of used foundry sand:

1. Shall be defined by boundaries that do not extend into a wetland or within one-quarter mile of known sinkhole.

2. Shall not extend below or within five feet of normal groundwater elevations, or into any waters of the state.

3. Shall not be required to meet liner, leachate collection system or daily cover criteria.

4. Shall not be used for storage of used foundry sand if it does not meet subrule 208.4(1).

108.4(3) Used foundry sand management plan requirements.

Any foundry sand management plan developed in anticipation of short term storage and reuse of used foundry sand must include the following:

a. Identification of an individual responsible for management of the storage site in accordance with the requirements of the plan. Identification is to include:

1. Name and title.

2. Mailing address.

3. Telephone number.

b. For any storage site involving multiple users, identification of the user(s) (i.e., participating facilities) and identification of the facility assuming overall site management responsibility. For each storage site user, identification is to include:

1. Facility name.

2. Street address.

3. Mailing address.

4. Designated contact person.

5. Telephone number of designated contact person.

c. Identification of the storage site location with a scaled map or aerial photograph showing as a minimum:

1. Relevant topographical features of the site.

2. Site drainage areas, if applicable.

3. Expected grading plan for the storage pile.

4. Prohibited storage areas at the storage site.

d. Documentation demonstrating legal entitlement to the use of the site specified for storage of used foundry sand in anticipation of beneficial reuse in accordance with these provisions and as described by the Plan.

e. Documentation of Department of Natural Resource approval of a storm water discharge permit for the storage site, if applicable.

f. Identification of reuse application(s) for which used foundry sands are being accumulated.

g. Specification of a compliance assurance and sampling procedure to ensure that only used foundry sands acceptable for reuse are accumulated. Compliance assurance is to be assured

through a defined sampling program requiring, as a minimum, quarterly sampling for the first year, as a baseline, followed by annual foundry sand stream sampling thereafter.

h. Current accumulations of used foundry sand residuals may be made available for reuse and incorporated into the plan provided that representative samples are taken to ensure conformance with the standards outlined in IAC section 108.4(1).

i. Identification of site management controls for control of:

1. Fugitive dust.
2. Storm water run-on, run-off, or containment.
3. Access to site.

j. An annual year-end summary of used foundry sand transfers into or out of the storage site, including the following:

1. The amount, tonnage or volume, of used foundry sand deposited into or withdrawn from the storage site, the date(s) of transfer activity, and a running total of used foundry sand accumulations held at the storage site.
2. Analytical data for any used foundry sands sampled for reuse classification acceptability.
3. Detailed information for each reuse activity, including:
 - (a) Identification of party to whom sand was supplied.
 - (b) Identification of transporter if different from 108.4(3)a.
 - (c) The approximate tonnage or volume of used foundry sand withdrawn.
 - (d) Date transported.
 - (e) Description of beneficial reuse and its location.

The annual report for any given year must be completed by March 1 of the following year. Submittal to the department of natural resources is not required although each annual report must be kept for a minimum period of five years following the year-end date, or for the period of site use plus five years. Any initial sampling data is to be kept as baseline data for the period of time the storage site is in use.

k. Annual management certification (approval) by an officer of the facility assuming overall site management responsibility or his designated representative that any used foundry sand accumulated on-site and transported off-site for reuse are being managed in accordance with the procedures and requirements of the approved plan.

108.4(4) Beneficial uses for which no permit is required.

Used foundry sand may be used for the following beneficial purposes without a solid waste management permit in accordance with a used foundry sand management plan consistent with subrule 108.4(3) provided it is for the following beneficial purposes:

- a. Daily cover for litter and vermin control at a sanitary landfill in accordance with the sanitary landfill permit.
- b. Road ballast.
- c. Construction/architectural fill.
- d. Dike or levee construction, repair or maintenance. Prior written notification must be made by the foundry to the department. If the department does not respond within 30 days, use shall be deemed appropriate.
- e. Fill base - may be used as base material substitute for roads, road shoulders, parking lots, and any other similar use.

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f. Any other beneficial use upon written notification by a foundry person of the intended reuse activity. If the department does not provide written objection within 30 days the intended use is deemed appropriate.

108.4(5) Uses for which no authorization is required.

The following used foundry sand applications may be used without authorization since this form of beneficial use qualifies it as a commercial material.

a. Raw material constituent. For flowable fill (low strength concrete material), or will become concrete, asphalt and any other similar use where the used foundry sand is encapsulated while providing all or a portion of the aggregate and critical constituents necessary for production of the final product.

b. Production feedstock. For reclaim or reuse as a production material.

Date

Larry J. Wilson, Director

Mr. Stokes gave a detailed explanation of the rules and noted that staff feel these are good, sound working rules. He related that the department is very appreciative of the work that industry has put into the rules.

Brief discussion followed regarding lead levels in relation to health concerns.

Chairperson Hartsuck asked if any other states are providing for beneficial reuse of foundry sand.

Mr. Stokes stated that Wisconsin has done some work in this area and Illinois is about four months away from adopting rules. Many states are beginning to look at this issue.

Ralph Grotelueschen stated that Indiana adopted a rule and the permits by the regulatory oversight process has gone very slow. Wisconsin is working out a process but are not at a point where Iowa is today, and Illinois will adopt rules in the near future.

Motion was made by William Ehm to approve Notice of Intended Action--Chapter d108, Beneficial Reuse of Foundry Sand. Seconded by Clark Yeager. Motion carried unanimously.

APPROVED AS PRESENTED

SWA PROGRAM COSTS

Referring back to Public Participation regarding costs for the Special Waste Authorizations program, Mr. Stokes stated that if the state continues to handle SWA's the total annual cost would be approximately \$50,000, or an average cost of \$147 per SWA issued. If the responsibility were

transferred to the landfills the projected cost was \$85,000 in the aggregate or approximately \$251 per SWA. Those averages were based on 340 SWA's issued annually.

REFERRALS TO THE ATTORNEY GENERAL

Mike Murphy, Bureau Chief, Compliance and Enforcement Bureau, presented the following item.

The Director requests the referral of the following to the Attorney General for appropriate legal action. Litigation reports have been provided to the Commissioners and are confidential pursuant to the Iowa Code section 22.7(4). The parties have been informed of this action and may appear to discuss this matter. If the Commission needs to discuss strategy with counsel on any matter where the disclosure of matters discussed would be likely to prejudice or disadvantage its position in litigation, the Commission may go into closed session pursuant to Iowa Code section 21.5(1)(c).

- a. City of Waterloo (tabled item) - wastewater
- b. Ampel Corporation (tabled item) - air quality
- c. Marjorie Jarvis; Terry Strong (Council Bluffs) - tanks

Ampel Corporation

Mr. Murphy, stated that referral is being requested for ongoing failure to perform a stack test, for operation of equipment contrary to a permit, and for modifications to its system without a permit. He stated that there were ongoing emission problems and in 1987 an Administrative Order was issued with penalty for modifications of equipment without a permit. A subsequent stack test showed violations and another Administrative Order was issued in December 1987 requiring that they shut down the facility that was having emission problems. The Order was appealed and led to a February 1988 Consent Order which was further amended in August 1988 to require installation of additional facilities. Violations of that Order led to referral to the AG in 1991, which resulted in an \$11,000 penalty at that time. During 1991 the company was issued a permit for a secondary cyclone and the department required stack testing of those facilities. Testing was initially to be done in March 1992, and was extended to May 1992 at which time they cancelled the test and indicated they were going to install different types of control equipment. The equipment was not installed until a year later. The company has indicated that they have had some changes in management and want to get into compliance and they are proposing to install additional equipment. Mr. Murphy stated that there have been some issues as to what information is needed to get the needed permits and staff will continue to work with the company to get those issues resolved. He noted that referral is being asked for the ongoing operation of the dryer that was leading to the problems, the permit that was issued after several Orders, and the modifications to the system without a permit.

Appointment - Mark Landa

Mark Landa, counsel for Ampel Corporation, stated that Ampel Corporation is a wholly owned subsidiary of Linwood Mining and Minerals Corporation and he introduced Tom Anderson, President of Ampel Corporation along with Rick Dunbar, Director of Operations. He stated that their purpose today is to specifically address the DNR's claims set forth in its litigation report as the basis for its request for referral, and secondly to relate to the Commission the progress that Ampel Corporation has made in resolving all outstanding issues regarding the control of air emissions at its facility. He noted that there is a misunderstanding on Ampel's responsibility for the violations which took place from 1976 to December 30, 1991. He related that Ampel Corporation is not the company which owned the facility during that period of time. On August 9, 1975, Ampel, Inc. was formed as an Iowa corporation. On March 15, 1991, Ampel Corporation, which was formed in January 1991, purchased a limited number of assets from Ampel, Inc. including the plant and equipment. He noted that the former owner retained management control until December 1991. Mr. Landa stated that Tom Anderson did not assume the management responsibilities of this facility, on behalf of Ampel Corporation, until January 1, 1992. He stated that VanDusseldorp Sand and Gravel, Inc. d/b/a as Ampel, Inc. was the company that entered into the consent decree with the AG office on December 30, 1991. Mr. Landa emphasized that company is not Ampel Corporation. He related that the department's conclusions are that the sins of Ampel, Inc. should be visited upon Ampel Corporation because they believe that Ampel Corporation is a successor or continuation of Ampel, Inc. He added that the ownership, management, personnel, directors, shareholders, registered agent, and corporate address have changed. He related that Ampel, Inc. continues to exist and operate similar facilities outside of Iowa. He stressed that the purchasing company is not liable for the debts and liabilities of the transferring company.

Chairperson Hartsuck asked if Ampel, Inc. and Ampel Corporation have any owners in common.

Tom Anderson stated that there is one minority stockholder from the previous facility. He noted that about 70 % of the employees have changed with almost all of the management being totally different.

Appointment - Tom Anderson

Tom Anderson, President of Ampel Corporation, addressed the Commission telling them of the actions taken by Ampel Corporation this year to bring their facility into compliance along with the actions they propose to take in the future. He reiterated that some of the major actions taken were changes in the management team, attempts made to get the required permits from DNR, installing new equipment, and holding meetings with DNR staff. He discussed their Pennsylvania plant and bringing it into compliance as well as their Nebraska plant. Mr. Anderson stated that there have been communication problems with DNR but the new equipment will be completely installed by the end of this month. He related that Ampel Corporation has spent over \$638,000 on environmental improvements at the three plants they currently operate. In conclusion, he asked the Commission to support them in their efforts and

noted that they offered to enter into a voluntary consent order, but do not want to pay a penalty for something done by their predecessor. He proposed that they be allowed to work with staff on a consent order and put the previous violations behind them.

Director Wilson asked if Ampel has received an answer from the department on their proposal for a consent decree.

Mr. Landa responded that they received an answer about a week ago and their proposal was rejected by the department.

Discussion followed regarding successorship in Ampel Corporation and changing the trademarks and logos.

Chairperson Hartsuck asked if an entity has to procure new operating permits when they buy assets from another company, or whether the permits go with the physical facility.

Mr. Landa responded that the permit goes with the equipment but when they have a modification the department requires that those aspects of the permit be modified to conform to what the actual ownership interest is. He added that once Ampel Corporation purchased and operated the equipment, they were then responsible for that operation.

A lengthy discussion followed regarding Ampel Corporation's problems with getting their operating permit; failure to submit required modeling; DNR losing the permit application requesting changes in equipment; and modeling information to be provided by neighboring companies.

Mr. Murphy commented that whether or not Ampel Corporation is tainted by the sins of the prior owner is an unclear legal question which needs to be evaluated by the AG's office. He noted that even assuming permit applications were lost, which is not clear, they were not submitted until March 1993 which was well after the deadline for compliance. He stated that they continued to operate the facility which was inadequate and did not do the required testing. Mr. Murphy related that staff is working with the company and will continue to do so, but under the past circumstances it should be referred. He related that the main issue is the penalty.

Discussion followed regarding former owner responsibility, and Ampel making improvements to the other two plants before the Iowa plant.

Mark Landa stated that Ampel Corporation submitted permit applications and the permit engineer indicated that the new equipment, when installed, will satisfy the department's emission limitations. He noted that the concern is whether or not there will be an ambient air quality problem in the area resulting from the operation of three facilities in close proximity to each other. He related that they are currently in the process of solving that problem.

Chairperson Hartsuck asked if the sins of a predecessor corporation continue with the assets regardless of ownership.

Mr. Murphy stated that he doesn't think it is black and white, but if someone purchases assets and continues the same type of operation they would have some responsibility with the baggage that comes with it.

Discussion followed regarding the issue of successorship and responsibility.

Mr. Murphy pointed out that Ampel Corporation should have had their permit application in by April 1992 rather than March 1993. He added that the department is willing to temporarily approve what is being installed and to finalize it later.

Clark Yeager stated that he does not like the settlement offer because of the penalty amount.

Motion was made by William Ehm to go into closed session pursuant to Iowa Code section 21.5(1)(c) to discuss matters which would be likely to prejudice or disadvantage the department's position in litigation. Seconded by Nancylee Siebenmann.

Chairperson Hartsuck requested a roll call vote. "Aye" vote was cast by Commissioners Mohr, Priebe, Siebenmann, Yeager, Britt, Ehm, and Hartsuck. Motion carried on a unanimous vote of 7-Aye.

COMMISSION ENTERS CLOSED SESSION

Motion was made by Charlotte Mohr to adjourn closed session and return to open session. Seconded by Nancylee Siebenmann. Motion carried unanimously.

COMMISSION RETURNS TO OPEN SESSION

Chairperson Hartsuck announced that no action was taken in closed session.

Motion was made by William Ehm to table the Ampel Corporation referral until the December meeting and instruct staff to continue working with Ampel on a solution. Seconded by Nancylee Siebenmann. Motion carried unanimously.

TABLED UNTIL DECEMBER

City of Waterloo

Mr. Murphy reviewed that this case was tabled last month and it will need to be removed from the table.

Motion was made by Charlotte Mohr to remove the City of Waterloo referral from the table. Seconded by William Ehm. Motion carried unanimously.

REMOVED FROM TABLE

Mr. Murphy briefed the Commission stating that the city has come forward with a plan for improvements to its wastewater facilities. The plan is acceptable with staff and they have agreed to the terms of a consent decree. Referral is needed to formalize the agreement.

Motion was made by Nancylee Siebenmann for referral to the Attorney General's Office. Seconded by Charlotte Mohr. Motion carried unanimously.

REFERRED

Marjorie Jarvis; Terry Strong

Mr. Murphy briefed the Commission on the history of this case involving tank closure and delays caused due to change in property ownership.

Motion was made by William Ehm for referral to the Attorney General's Office. Seconded by Verlon Britt. Motion carried unanimously.

REFERRED

1994 LEGISLATION PACKAGE

Director Wilson, reviewed that at last month's meeting the Commission approved the legislative proposals for the following: 1) Solid Waste Disposal; 2) Eliminate 10-Year Moratorium on Wastewater Treatment Plant Updates; and 3) Collection of Recyclables as a Requirement in Construction. He noted that the proposal dealing with Waste Oil Collection Sites was rejected, and the Bottle/Can Bill Modifications proposal was deferred until this month.

Mr. Wilson recommended that the Commission discuss the following bill and then take a formal action on it.

Bottle/Can Bill Modifications

The most successful recycling program established to date has been the return of beverage containers. The deposit system results in the return of over 90% of the bottles and cans currently subject to the requirement. It is obvious that the deposit program has been successful in eliminating containers subject to deposit from roadside ditches. With the increased popularity of juices, non-carbonated drinks, and other drinks in the same containers as those now subject to deposit, it is now time to include them in the "bottle bill."

As the program has matured, it has also become evident that some technical corrections would improve how the program works. First, it would be helpful to clarify the definition of a distributor. The proposed language also attempts to create a more equitable situation by requiring all distributors, not just beer distributors to provide places for redemption of crushed containers.

Modifications to two sections will accomplish these objectives:

- (1) Change 455C.1 Definitions, to include non-alcoholic beers and wines, and non-carbonated juices and waters. These newly marketed products are sold in the same types of containers that regulated beverages are contained in. The term "distributor" is also clarified to put all retailers on equal footing.
- (2) Modify 455C.14, which deals with flattened metal beverage containers, by deleting references to "metal" and to "beer" distributors. This would require that all beverage distributors provide for collection of flattened containers.

Proposed Legislative Language:

SECTION 1. Section 455C.1, subsections 1 and 9, Code 1993, are amended as to read as follows:

1. "Beverage" means wine as defined in section 123.3, subsection 7, alcoholic liquor as defined in section 123.3, subsection 8, beer as defined in section 123.3, subsection 10, low or non-alcoholic beers and wines, wine coolers, mineral water, soda water and similar carbonated soft drinks in liquid form, or non-carbonated soft drinks, waters and juices packaged in volumes of less than 32 ounces and intended for human consumption.

9. "Distributor" means any person or business who engages in the sale or distribution of beverages in beverage containers to a dealer or retail outlet in this state, including any manufacturer who engages in such sales or distribution.

SECTION 2. Section 455C.14, Code 1993, is amended to read as follows:

1. If the refund value indication required under section 455C.5 on an empty nonrefillable metal beverage container is readable but the redemption of the container is lawfully refused by a dealer or person operating a redemption center under other sections of this chapter or rules adopted pursuant to these sections, the container shall be accepted and the refund value paid to a consumer as provided in this section. Each ~~beer~~ distributor selling nonrefillable ~~metal~~ beverage containers in this state shall provide individually or collectively by contract or agreement with a dealer, person operating a redemption center or another person, at least one facility in the county seat of each county where refused empty nonrefillable ~~metal~~ beverage containers having a readable refund value indication as required by this chapter, except for broken glass containers, are accepted and redeemed. In cities having a population of twenty-five thousand or more, the number of the facilities provided shall be one for each twenty-five thousand population or a fractional part of that population.

2. A ~~beer~~ distributor violating this section is guilty of a simple misdemeanor.

Chairperson Hartsuck commented that the Environmental Protection Commission's duty is to protect the environment and to be an advocate of that protection. He added that last month some reluctance was shown to this bill and expanded on same.

Nancylee Siebenmann stated that she attended a very lively discussion with opponents and proponents of the deposit law this past month. She noted that the Commission need to direct attention, as leaders in preserving the environment, to the complexities of the bill. She added that there are many concerns the grocers would have including sanitation problems, storage space, and distribution and pick up of the containers with all different sizes and shapes involved. Commissioner Siebenmann stated that this is a piecemeal approach to cleaning up the environment and she suggested that the Commission think about the possibility of providing incentives for development of curbside recycling in the private sector. She added that they should take a longer view at how to enhance curbside recycling and redemption centers.

A lengthy discussion took place regarding various concerns with the bottle bill and its effectiveness in reducing litter.

Motion was made by William Ehm to adopt the bottle deposit legislative proposal as written but amend it to include 8 ounce but less than 32 ounce containers. Seconded by Verlon Britt.

Motion was made by Nancylee Siebenmann to amend the motion to endorse the bill with the limitations stated by Commissioner Ehm and that the Commission strongly urge that a study committee be formed to look at initiating incentives for curbside recycling and/or recycling redemption centers to take care of the larger problem, and that a report be in place by January 1 1995. Seconded by Verlon Britt. Motion carried unanimously.

Vote on Commissioner Ehm's motion, as amended, carried unanimously.

BOTTLE /CAN BILL MODIFICATIONS APPROVED AS AMENDED

Consensus of the Commission was that the study committee should include some members of the DNR staff, the Commission, industry, and the legislature.

Funding Proposal to Retain SWA Program in DNR

Charlotte Mohr suggested that the department use a portion of each of the funding proposals submitted by the League of Iowa Municipalities as follows:

1. Imposition of fees for SWA requests to be paid by generators of special waste;
2. Transfer funds from the landfill alternative grants program for the SWA technical position; and/or

3. Review and reallocation of the tonnage fee to fully fund the position within the department

William Ehm suggested using a combination of numbers 1 and 3.

Don Paulin stated that if the first part is done, the second part should not be needed noting that tonnage fees are across-the-board so all citizens would then have their tonnage fee increased.

Commissioner Ehm stated that he suggested #3 to get people to buy into the program because there was some thought that it should be a portion of the whole formula.

Mr. Paulin noted that he thought the League's intent was to reallocate resources the department already has rather than increase the tonnage fees. He added that legislation would not be needed to do that. He related that the question to consider is what is currently being done that should take a back seat to the SWA program or not be done at all.

Mr. Paulin suggested that the Commission possibly do a statement of intent since it is difficult to get legislation drafted in the short time period remaining. He related that it would endorse the concept and the legislature will do with it what they want anyway. The statement could outline the Commission's intent that the solid waste authorization program continue to be administered by the department and to concur with legislation to authorize a SWA fund.

Motion was made by William Ehm for staff to prepare a "statement of intent" outlining the Commission's intent that the Special Waste Authorization Program continue to be administered by the department and that the Commission encourage the legislature to authorize a Special Waste Authorization Fund. Seconded by Charlotte Mohr. Motion carried unanimously.

**APPROVAL GIVEN TO PREPARE STATEMENT OF INTENT FOR SWA
FUNDING**

Waste Oil Collection

Chairperson Hartsuck reviewed that at last month's meeting the Commission rejected the legislative proposal regarding waste oil collection sites and that he would like the opportunity to discuss it again.

Motion was made by Gary Priebe to reconsider the Waste Oil Collection legislative proposal. Seconded by William Ehm. Motion carried unanimously.

Current state law does not ensure reasonable access by the public to proper facilities for disposal of waste oil in every county in the state. In three counties, we are unable to identify any site where waste oil is accepted. In order to ensure that no Iowan is forced to drive to another county to properly dispose of used oil, it is proposed to amend the law to identify county responsibility to provide for at least one site within their jurisdiction.

Proposed Legislative Language:

SECTION 1. Section 455D.13, Code 1993, is amended by adding the following new subsection:

NEW SUBSECTION 3. Each county shall provide at least one location in the county where residents may dispose of waste oil. If a site is not otherwise available in the county, the board of supervisors shall provide one by December 31, 1994.

Discussion was held regarding improper disposal of waste oil.

Motion was made by William Ehm to approve the Waste Oil Collection proposal as presented last month. Seconded by Gary Priebe.

Chairperson Hartsuck requested a roll call vote. "Aye" vote was cast by Commissioners Priebe, Siebenmann, Yeager, Britt, Ehm, and Hartsuck. "Nay" vote was cast by Commissioner Mohr. Motion carried on a vote of 6-Aye to 1-Nay.

WASTE OIL COLLECTION BILL APPROVED AS PRESENTED

Retain State Primacy of the Drinking Water Supply Program

Chairperson Hartsuck stated that EPA is dissatisfied with efforts of the state in regard to the drinking water program and are threatening to take the program back. He related that the water suppliers are very upset about this and would very much like to have the state retain primacy. He added that perhaps the Commission would like to consider a legislative proposal on funding for this program.

Nancylee Siebenmann asked what the state is doing that is not to EPA's liking.

Mr. Stokes stated that the department is not fully implementing all of the Phase II and Phase V regulations and the lead and copper regulations. He noted that what is being done by staff is praised very highly by EPA from the standpoint that what the staff does is done very, very well ... better than any other state in the country. He added that the problem is that the department does not have the resources to handle the new requirements in the mandated time frame. Mr. Stokes stated that it would take an increase in staff from 16 FTE's to about 37 FTE's.

Discussion followed and Mr. Stokes related that the program would cost \$20 million for the first three years if EPA takes it over. The state could shave those costs back to about \$10 million if it remains in the state. That would be an additional cost of about \$1.1 million dollars per year to the state.

November 1993

Environmental Protection Commission Minutes

Chairperson Hartsuck stated that he feels there should be a legislative proposal for funding to come from user fees to retain the program in the state. He added that the Commission should not be silent on this particular issue.

Motion was made by William Ehm for staff to prepare a legislative proposal that the necessary funding to meet EPA requirements in the drinking water program come from user fees. Seconded by Nancylee Siebenmann. Motion carried unanimously.

**APPROVAL GIVEN STAFF TO PREPARE LEGISLATIVE PROPOSAL TO
RETAIN STATE DRINKING WATER PRIMACY**

GENERAL DISCUSSION

Gary Priebe discussed the resolution from Iowa Wildlife Federation regarding Protected Streams.

Gary Priebe stated that he would like a report on Rosebar as to how the grant funds are spent and whether Rosebar is in compliance.

Leo Schachtner Contested Case Discussion

Chairperson Hartsuck informed the Commission that the Schachtner case which was originally scheduled to be heard tomorrow has taken some turns. He related that the Natural Resource Commission and the Director of DNR filed a Petition for Intervention in this case and the ALJ granted the request. He stated that a farmer (Schmitz) upstream from the dam has objected to the permit and both cases will be joined because a ruling on one might conflict with a ruling on the other. He noted that the new hearing date is anticipated to be on February 22, 1994, the day following the EPC's regular monthly meeting.

Consensus of the Commission was to go with the date of February 22, 1994 for the Schachtner and Schmitz hearing.

ADDRESS ITEMS FOR NEXT MEETING

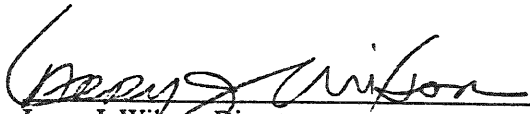
Clark Yeager stated that he would like to know how many of the grantees are listed on the enforcement reports.

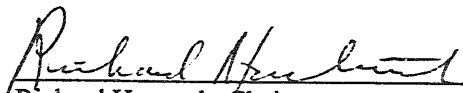
NEXT MEETING DATES

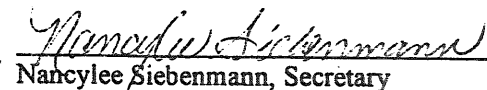
December 20, 1993
January 18, 1994 (Tuesday)
February 21, 1994

ADJOURNMENT

With no further business to come before the Environmental Protection Commission, Chairperson Hartsuck adjourned the meeting at 4:32 p.m., Monday, November 15, 1993.


Larry J. Wilson, Director


Richard Hartsuck, Chairperson


Nancylee Siebenmann, Secretary

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File Name *ADN-1-1-1* **RECORD COPY EPC Meeting**
MEETING AGENDA
ENVIRONMENTAL PROTECTION COMMISSION
WALLACE STATE OFFICE BUILDING
DES MOINES, IOWA
November 15, 1993
Nov-1993

Meeting convenes at 10:00 a.m., Monday, November 15, 1993, in the fourth floor conference room.

Appointments:

Public Participation	10:30 a.m.
Ralph Grotelueschen, Deere & Company (Item#10)	11:00 a.m.
Mark Landa, Ampel Corp. (Item#11-b)	1:00 p.m.

1. Approve Agenda.
2. Approve Minutes of October 18, 1993.
3. Director's Report. (Wilson) Information.
4. Financial Status Report. (Kuhn) Information.
5. Landfill Alternatives Grant Contract Approval. (Hay) Decision.
6. Rosebar Tire Center, Inc. (Hay) Information.
7. Landfill Alternatives Contract Approval--Rosebar Tire Center, Inc. (Hay) Decision.
8. Monthly Reports. (Stokes) Information.
9. Final Rule--Chapter 23, Emission Standards for Contaminants. (Stokes) Decision.
10. Notice of Intended Action--Chapter 108, Beneficial Reuse of Foundry Sand. (Stokes) Decision.
11. Referrals to the Attorney General. (Stokes) Decision.
 - a) City of Waterloo (Tabled)
 - b) Ampel Corporation (Knoxville) (Tabled)
 - c) Marjorie Jarvis; Terry Strong (Council Bluffs)
12. 1994 Legislation Package (Wilson) Decision.
13. General Discussion.
14. Address Items for Next Meeting.

NEXT MEETINGS:

December 20, 1993

January 18, 1994 (Tuesday)

February 21, 1994

ENVIRONMENTAL PROTECTION COMMISSION

Monday, November 15, 1993

NAME (PLEASE PRINT)	COMPANY OR AGENCY	CITY
JUSTIN KETHART	JORDAN ENV. SERVICES	CEDAR RAPIDS
Peter Cicero	"	"
Perry Breeman	Dm Register	Dm
Jean Trubee	GROWMARK	Bloomington, IL
Jennifer Yanda	Iowa Wild Federation	C Reynolds
Joel Wilkinson	Rose Bar	IA City
Eleanor Kaiser		Vinton
Amy Christensen Couch	Sullivan & Ward	Des Moines
Jack Clark	Iowa Utility Comm.	Des Moines
Joe Robertson	Marshall Cnty Landfill	Marshalltown, Ia.
Jerry Hertges	Terracon Environmental	Des Moines Ia
Robert Anderson	Jana Sportsman Club	Des Moines
Malcolm Day	Iowa Wildlife Federation	Des Moines, IA
LES WOLFE	ISOSWO	
Scott Yang	Nyemaster	Des Moines
Ralph Dierksen	Keene & Co	Moine, IL 61265
Linda King Kading	Iowa Assn of Mun. Utilities	Des Moines
Bill Behan	Deere & Co	DM
Mark Tinsdell	Bering Law Firm	Dm

ENVIRONMENTAL PROTECTION COMMISSION

November 15, 1993

NAME

COMPANY OR AGENCY

CITY

(PLEASE PRINT)

RICHARD DUNBAR

AMPEL CORP.

D.M.

THOMAS G. ANDERSON

Ampel Corp.

D.M.

Jim Jamin

Waterloo Courier

Waterloo

Waymond Jayne

Globe Callmen

Ames

Ed Bosh

CR Gazette